

Fig. 2

26

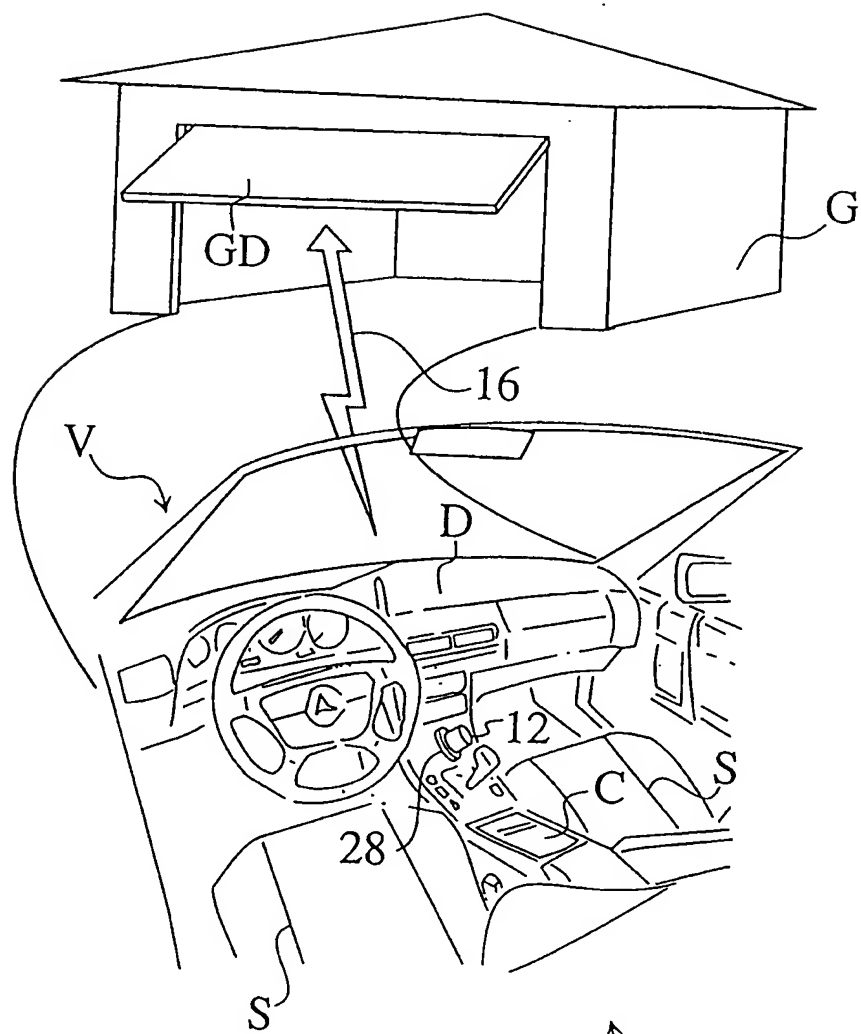


Fig. 3

38

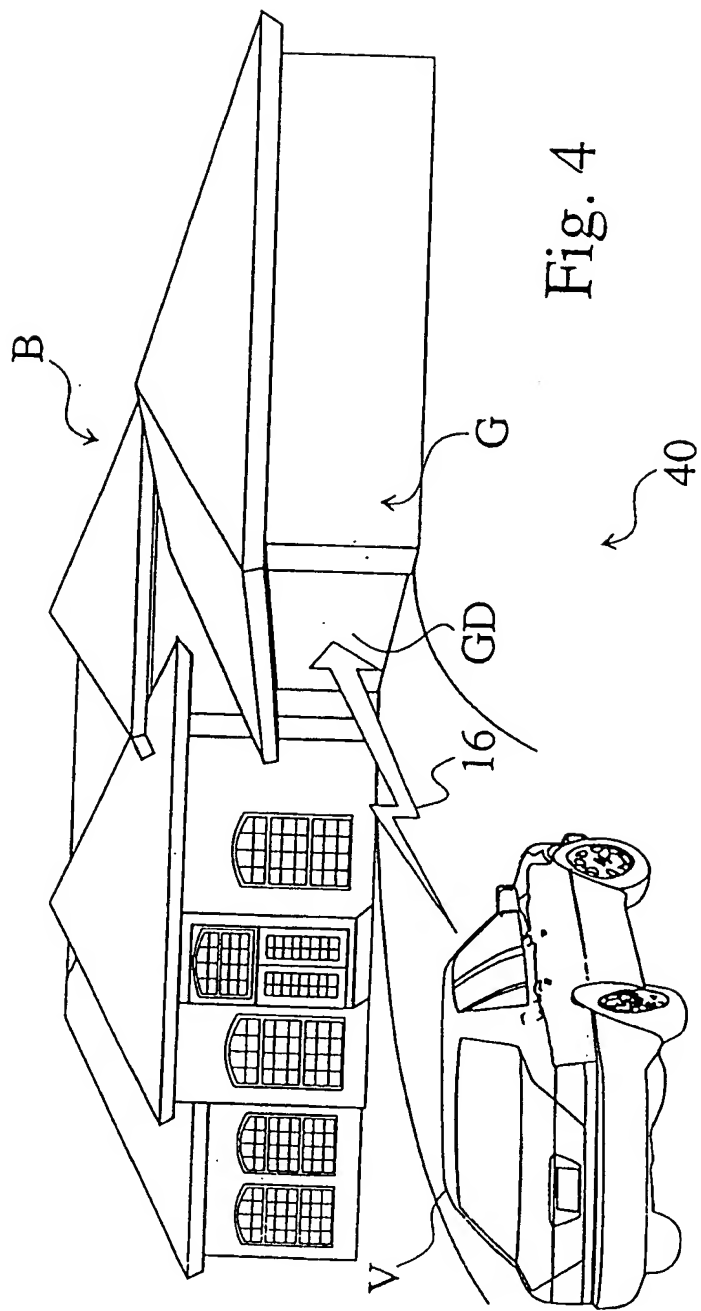


Fig. 4

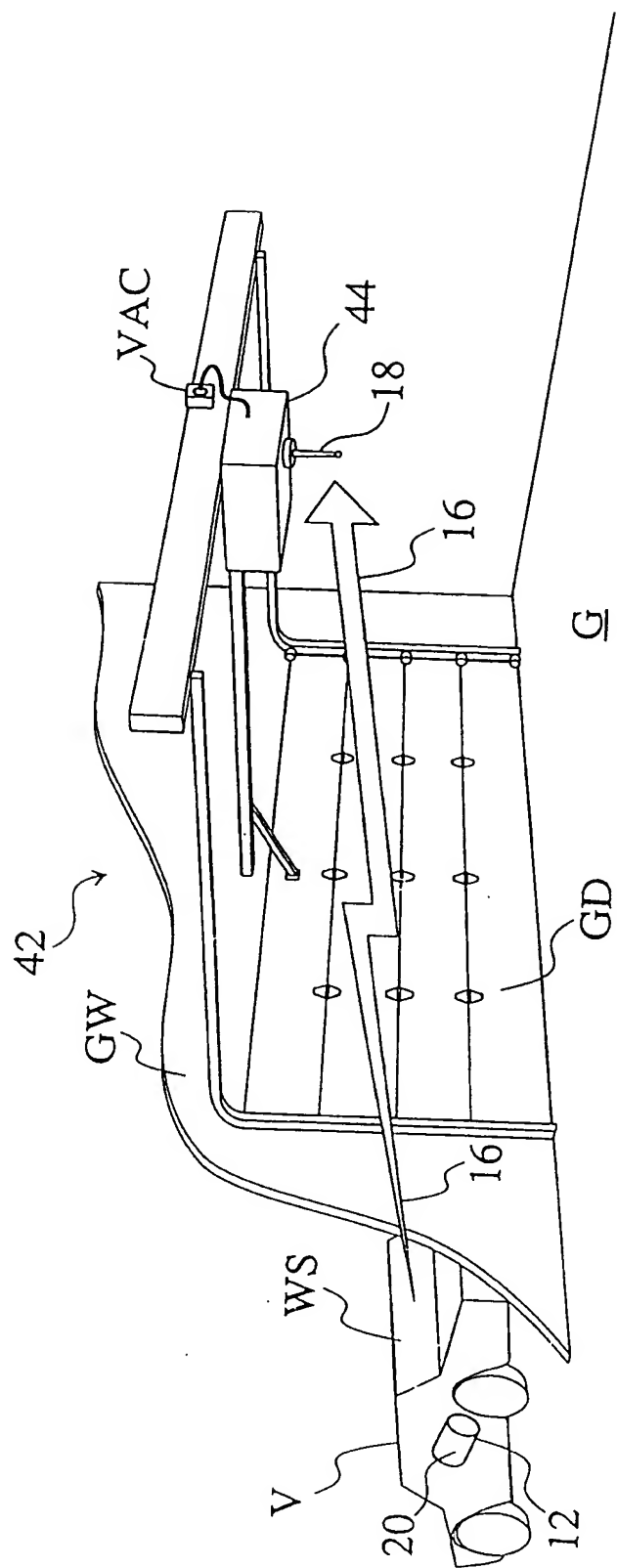


Fig. 5

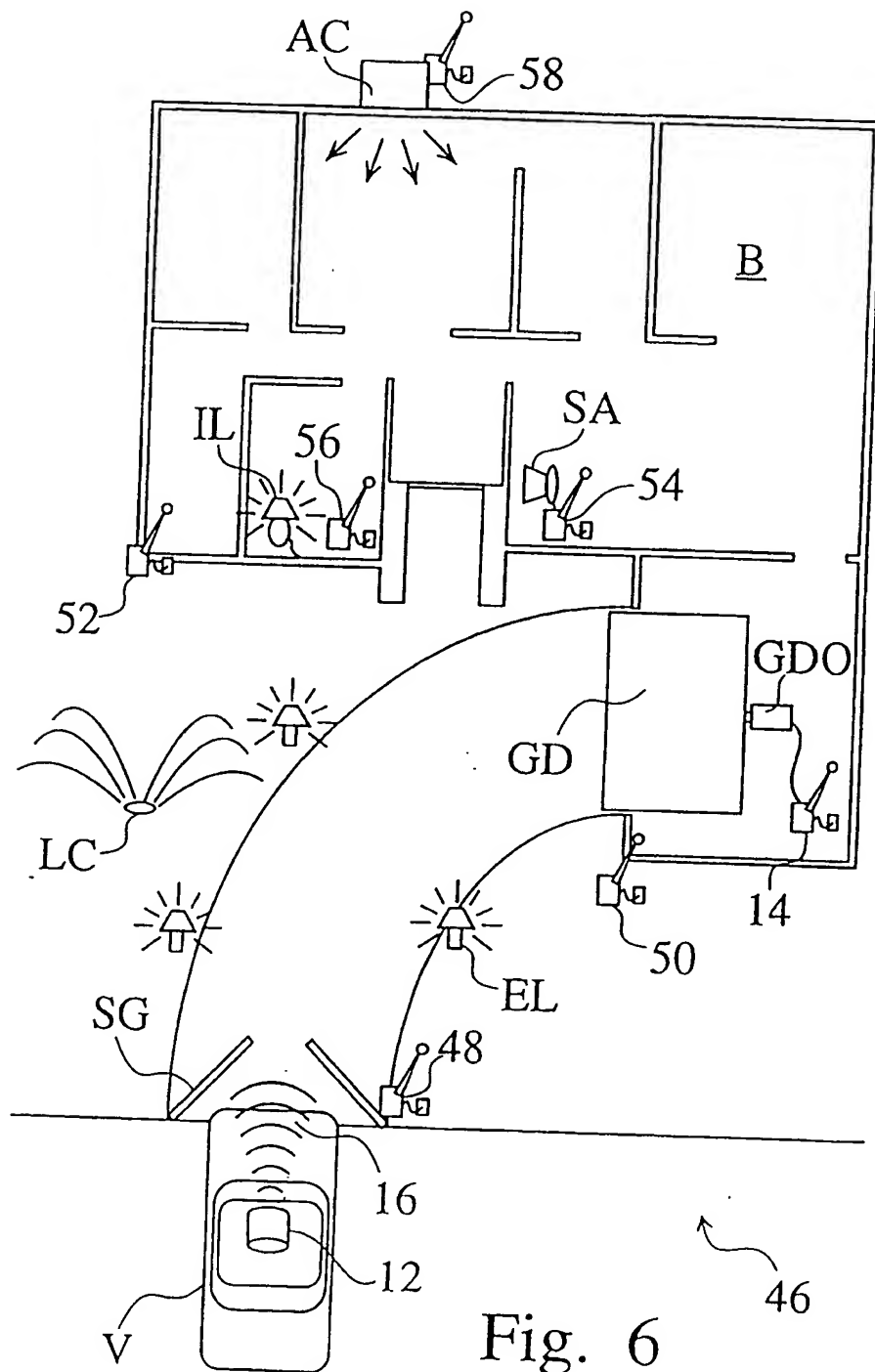


Fig. 6

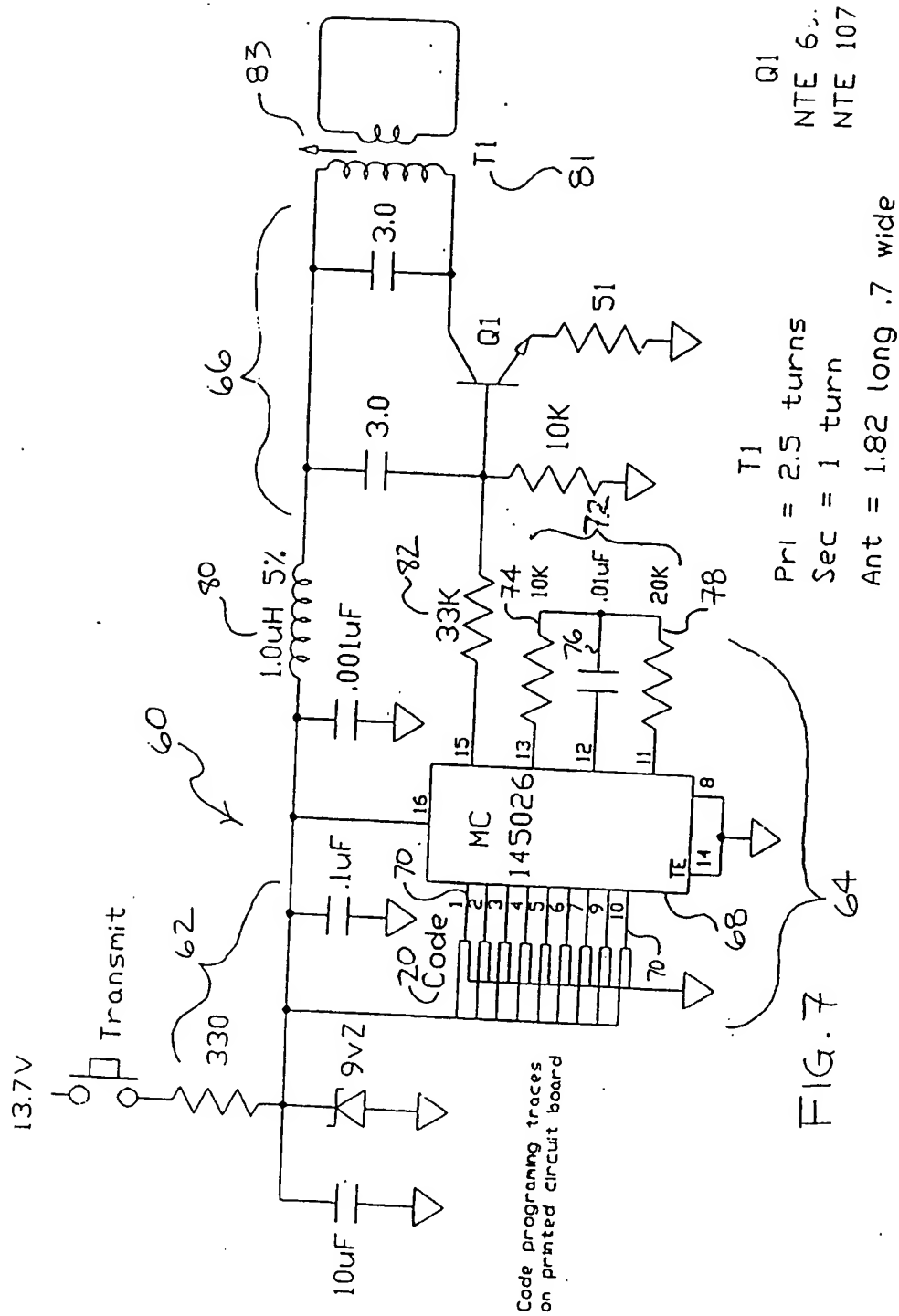


FIG. 8

400 MHz Receiver

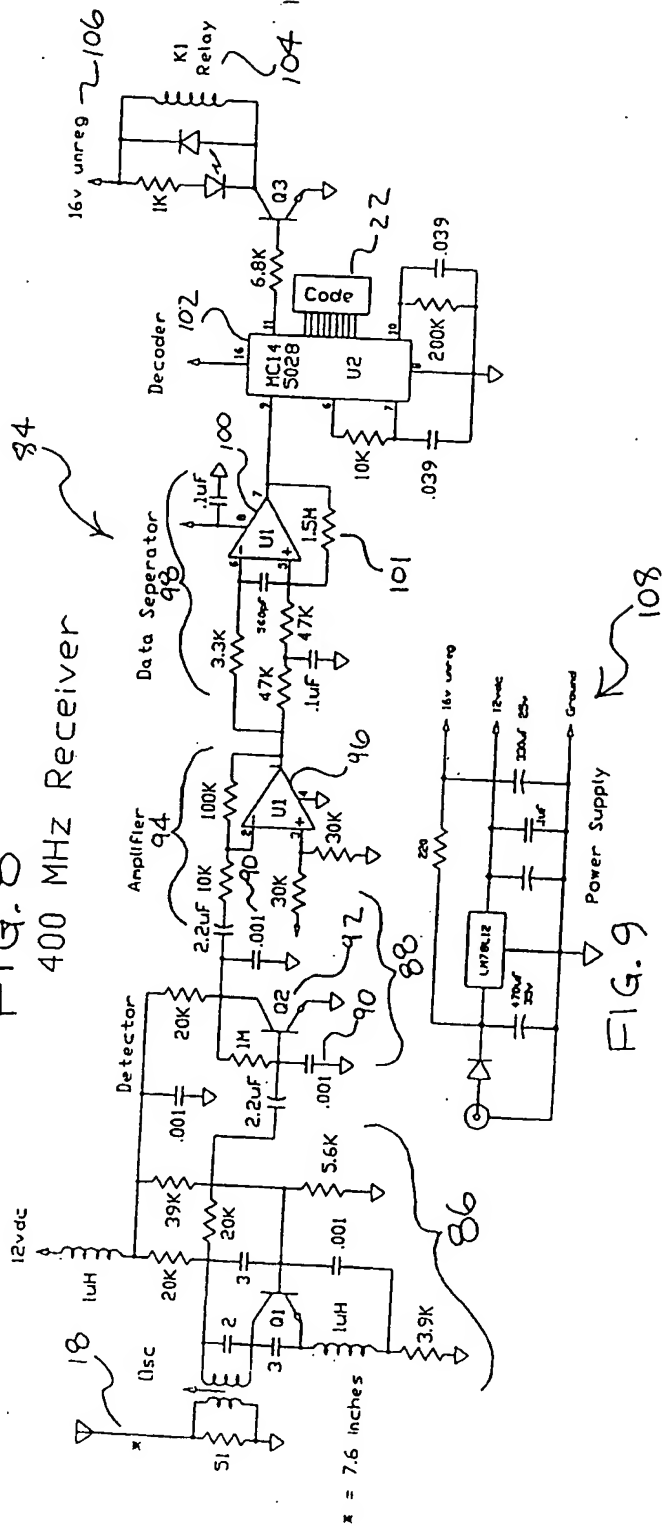


FIG. 10

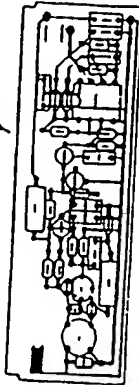
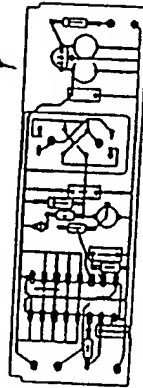


FIG. 11



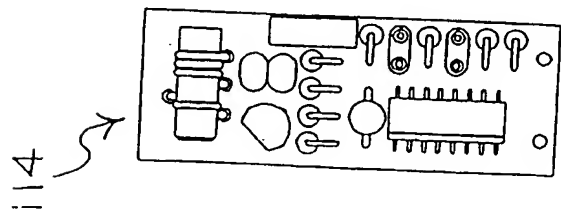


FIG. 12

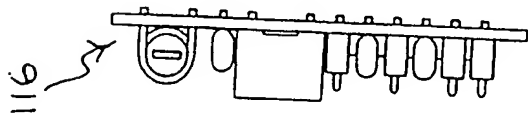


FIG. 13

Production
Transmitter

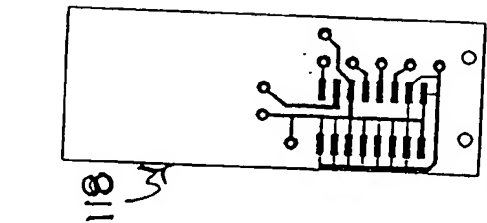


FIG. 14

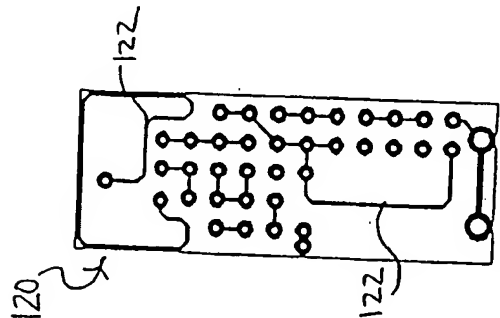


FIG. 15

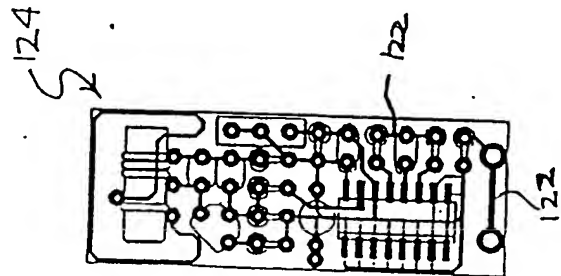


FIG. 16

.550 x 1.450 x .30 high

02/12/934

Miniature Remote Controller

As shown in the diagram below the transmitter board is mounted in a plastic body. A metal retainer and spring are held in place by a snap ring. The retainer fits snugly into the lighter receptacle in your car. The retainer also picks up ground or common for the transmitter board. A metal contact is mounted into the plastic body and picks up 12 to 14 volts from the cars electrical system. When the body is pushed down the metal contact in the bottom of the body makes contact and the transmitter transmits its code.

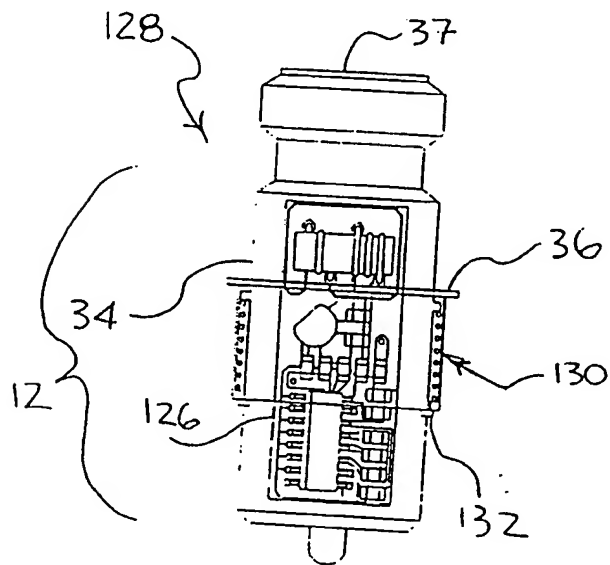


FIG. 18

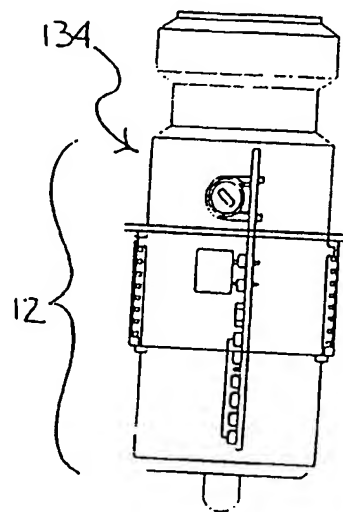
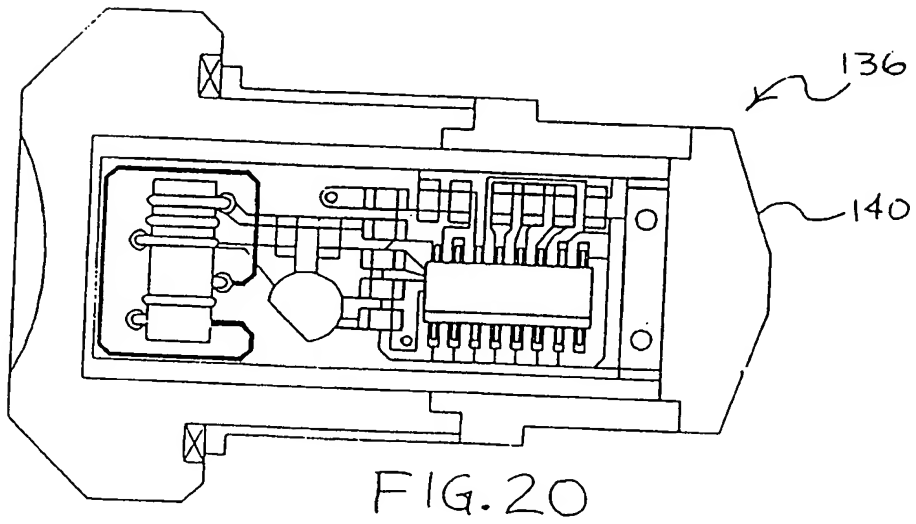
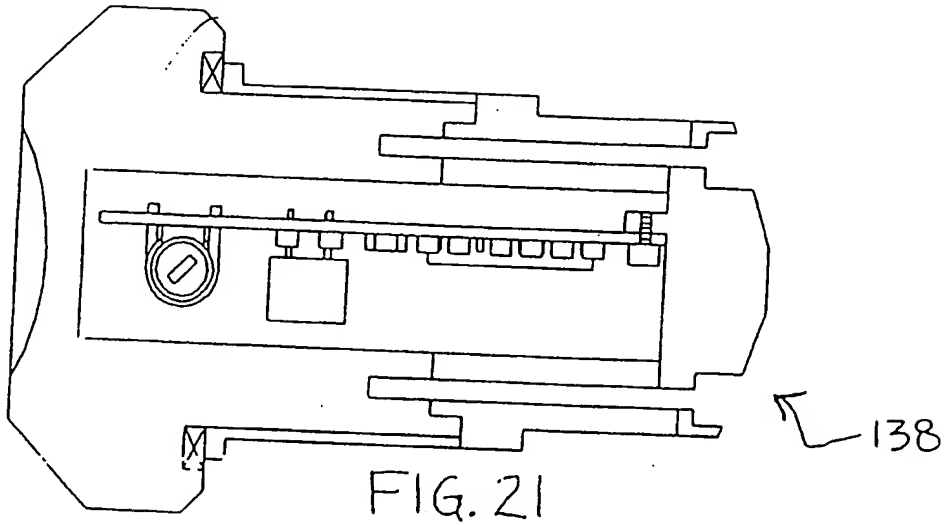


FIG. 19

Witnessed and understood by
R. D. G. [Signature] Date 3/12/93
R. D. G. [Signature] Date 2/12/93



Surface mount
Transmitter

126

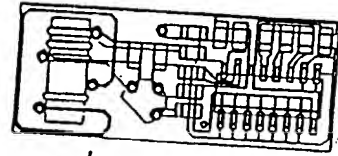


FIG. 17

Future Design
.5 x 1.225"

Lincoln
Lighter

141

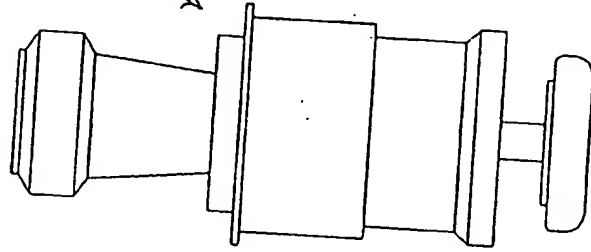


FIG. 22

Mercedes
Lighter

142

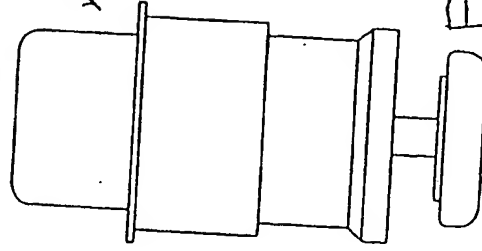
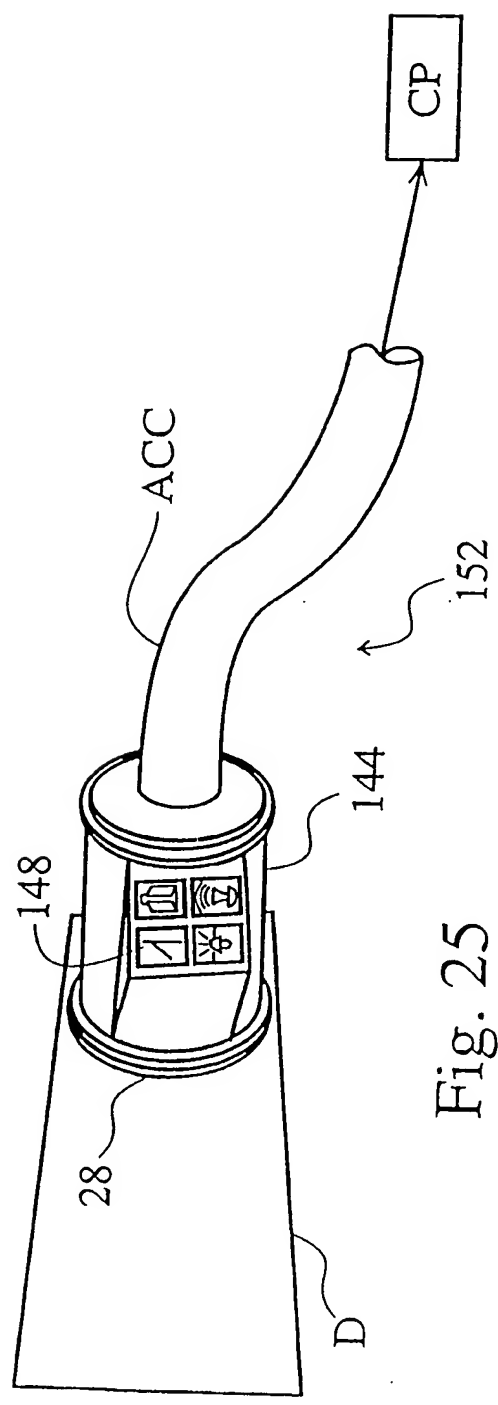
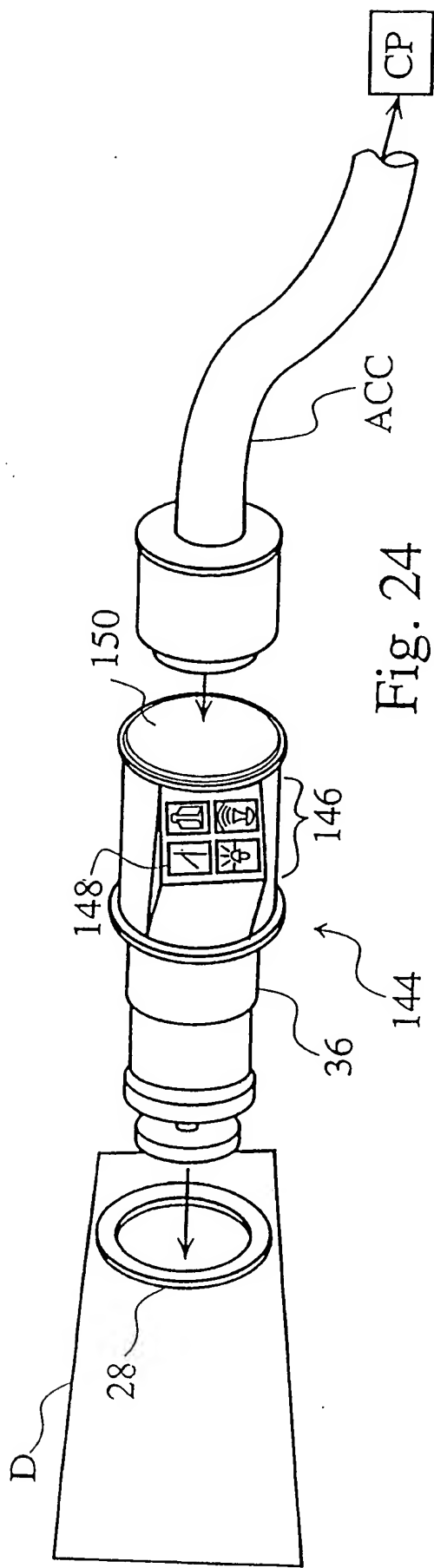
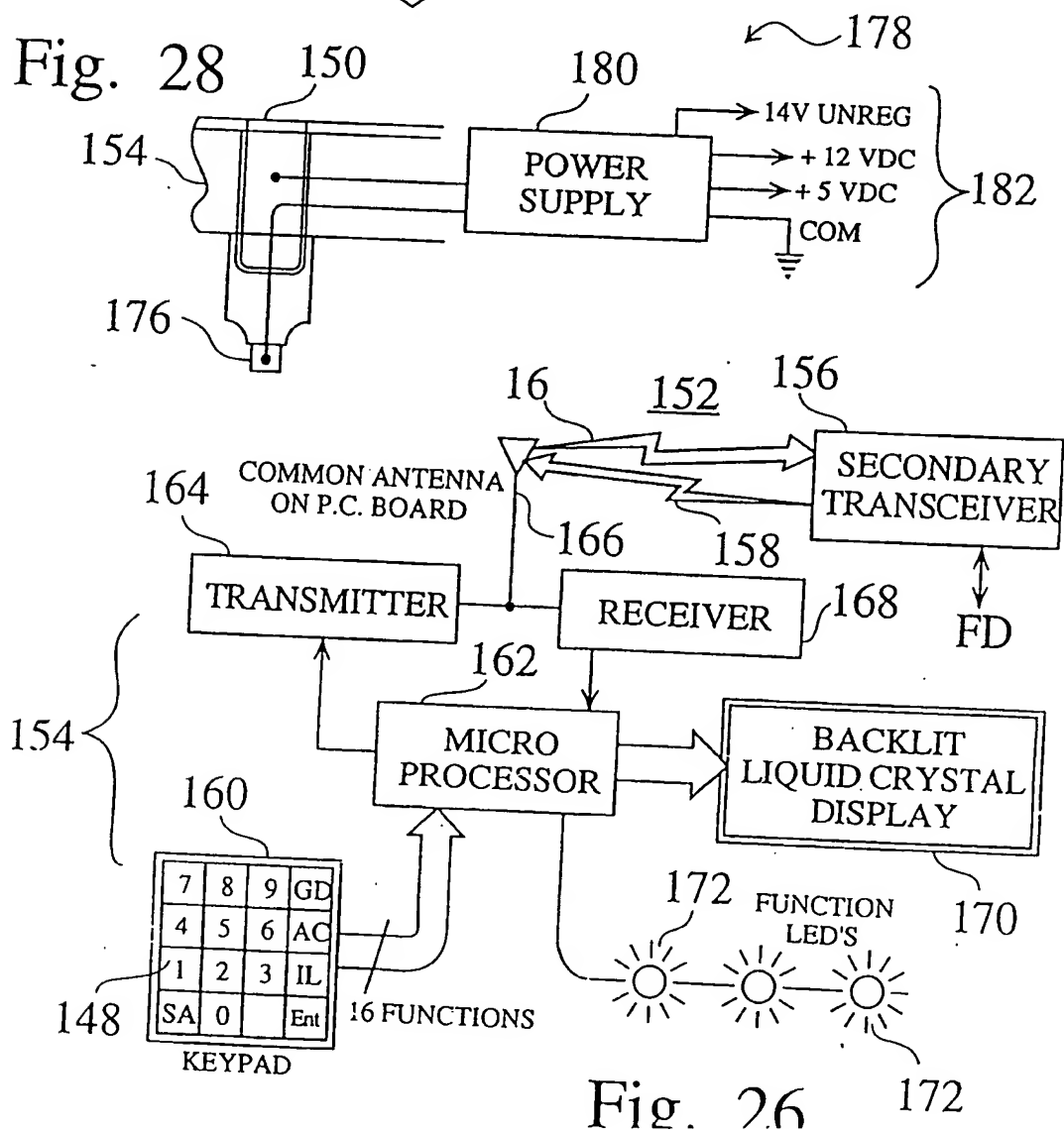
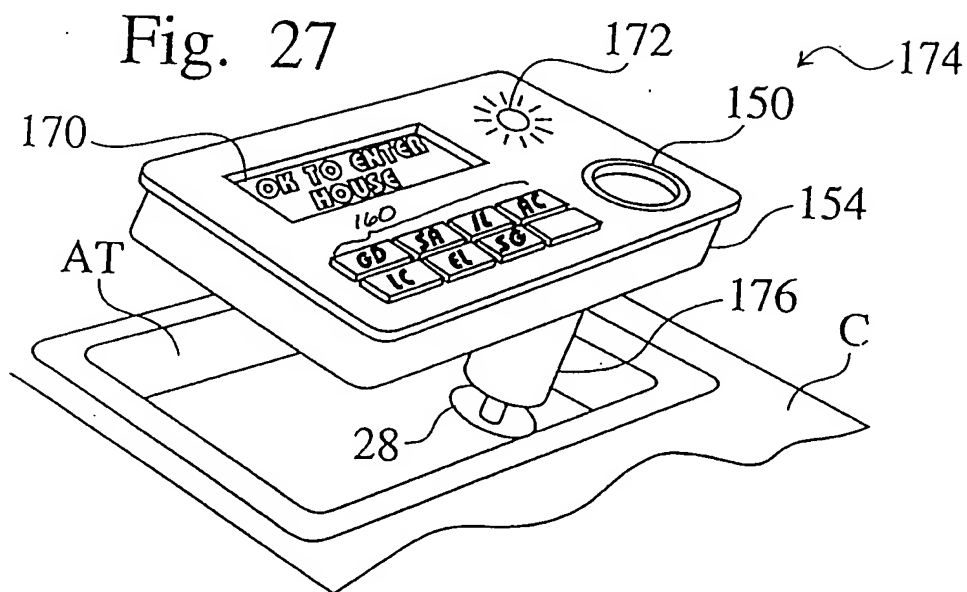


FIG. 23





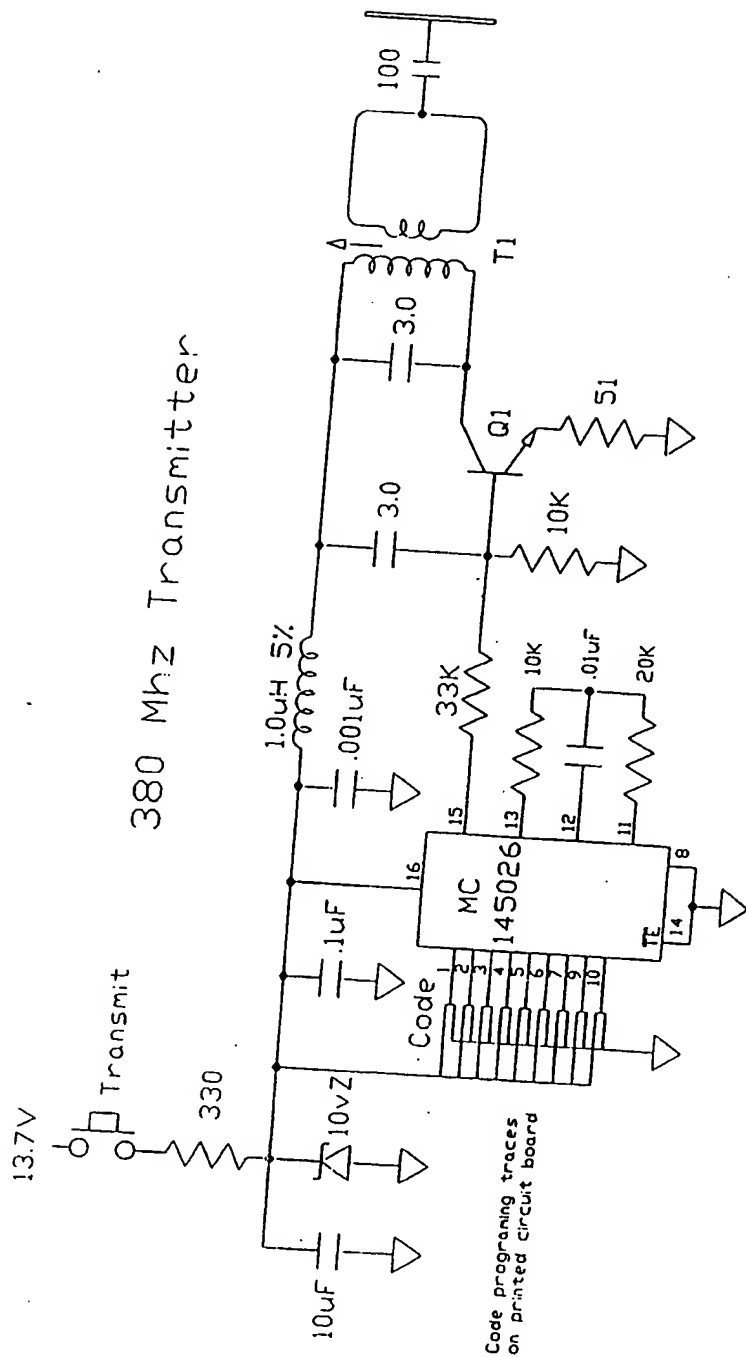


Fig. 29

380 MHz Receiver

RF AMPLIFIER

LOCAL OSCILLATOR

DETECTOR

BUFFER AMPLIFIER

DATA SEPARATOR

DECODER

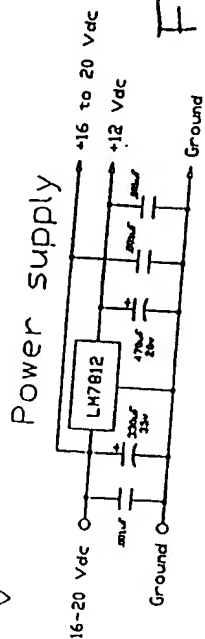
RELAY DRIVER

Power supply

FIG. 31

01, 02 = MPS10
 03, 04 = 2N2222A
 Capacitors are in pF
 Resistors are in ohms
 = 8.5 inches

FIG. 31

Receiver & Power supply boards
1.400 x 4.875"

Receiver

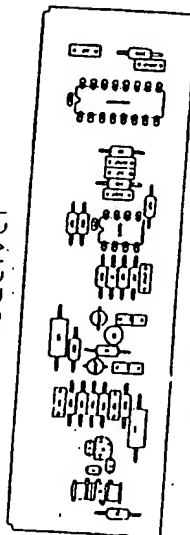


Fig. 32

Power supply & relay

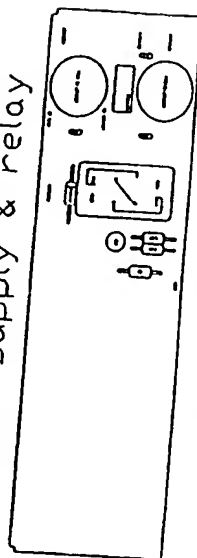


Fig. 33

FIG. 36
Mercedes
Lighter

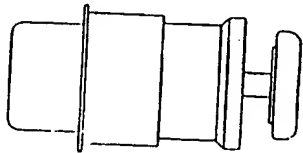
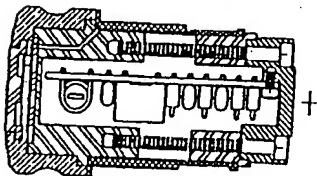
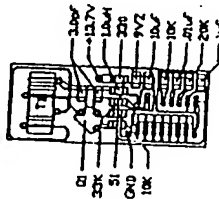
Mercedes
Lighter

Fig. 37
Mercedes
Transmitter

Mercedes
Transmitter



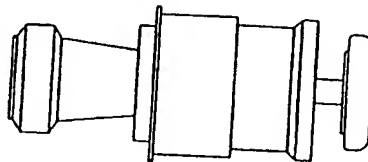
Surface mount Transmitter



Future Design
.5 x 1.225'

FM 54

Lincoln
Lighter



FM 51

8361

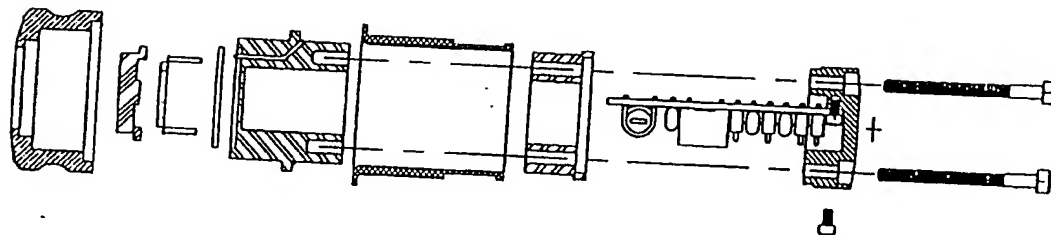


FIG. 39

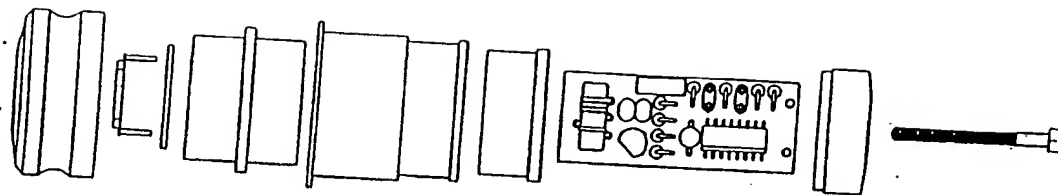
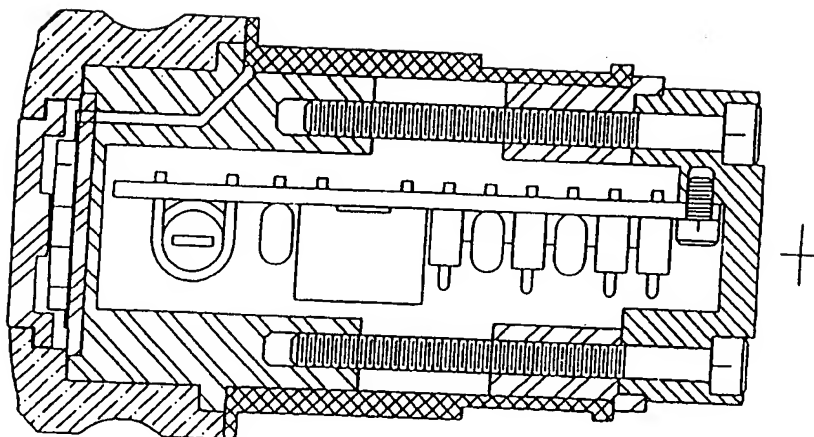


FIG. 40



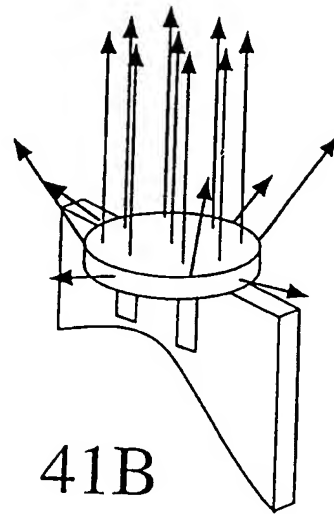
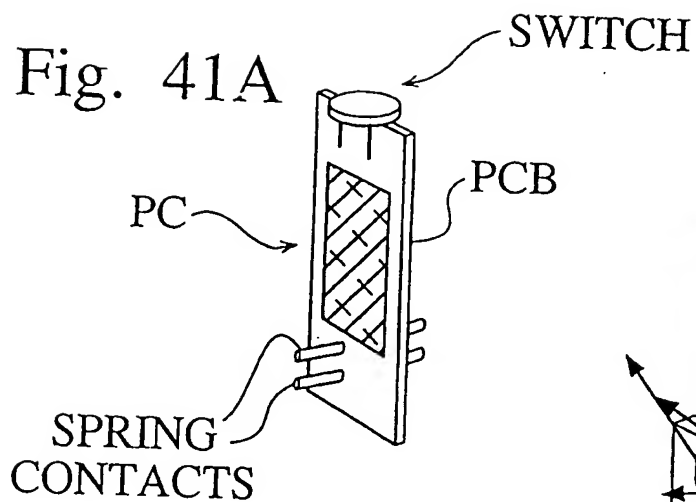
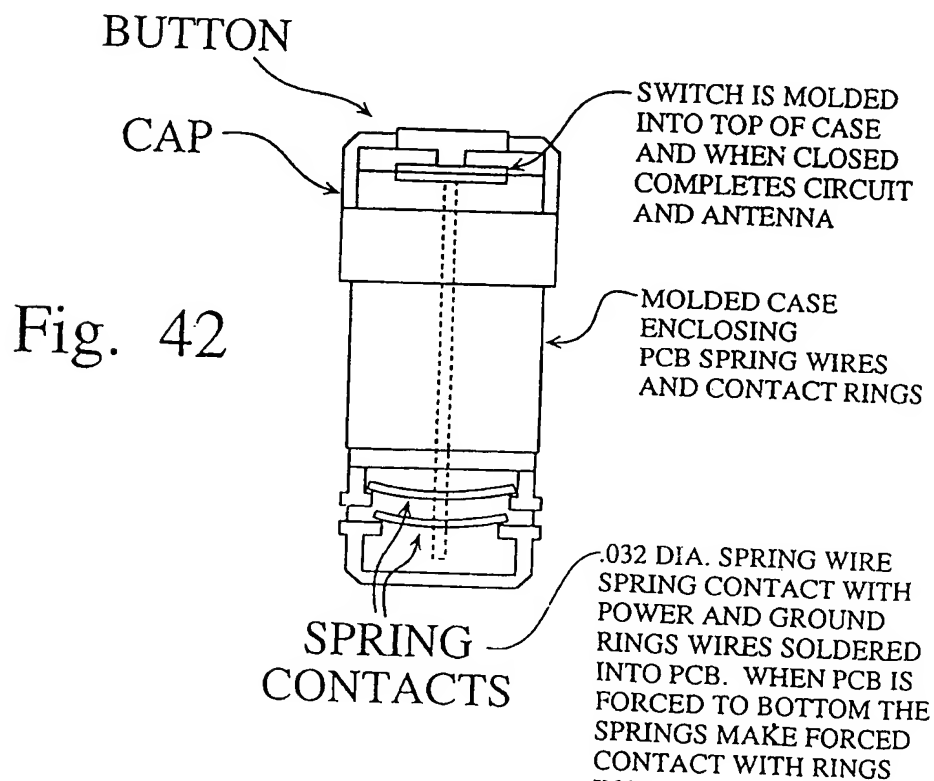


Fig. 41B



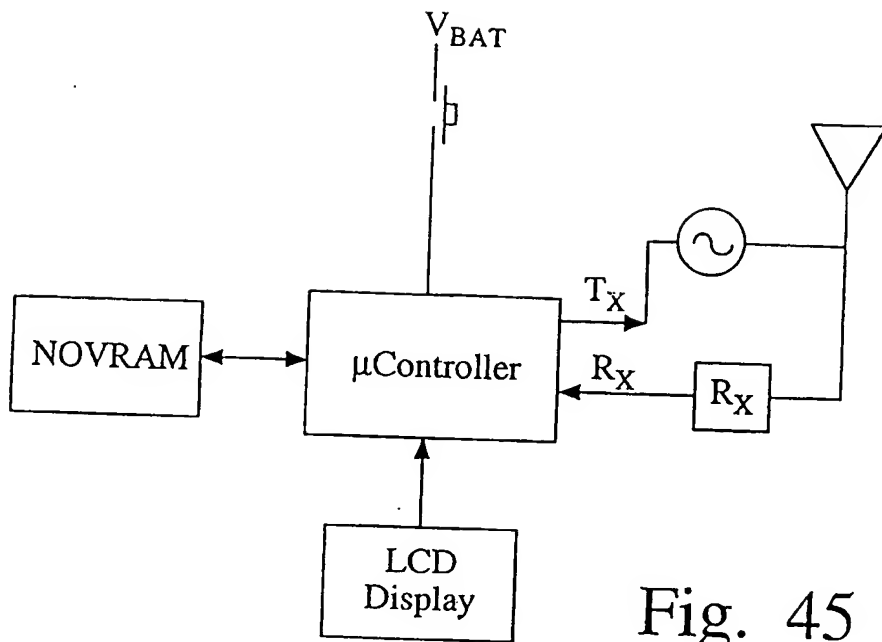


Fig. 45

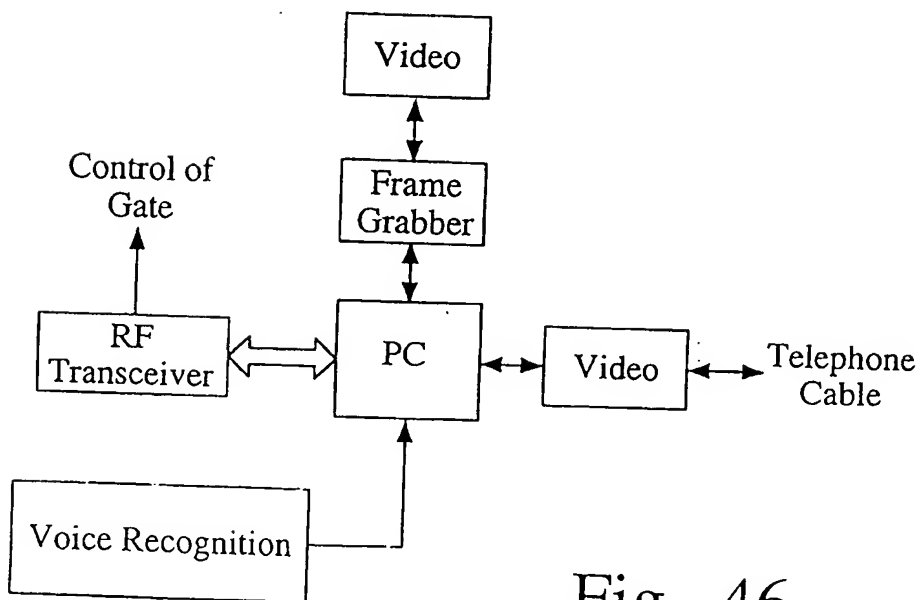
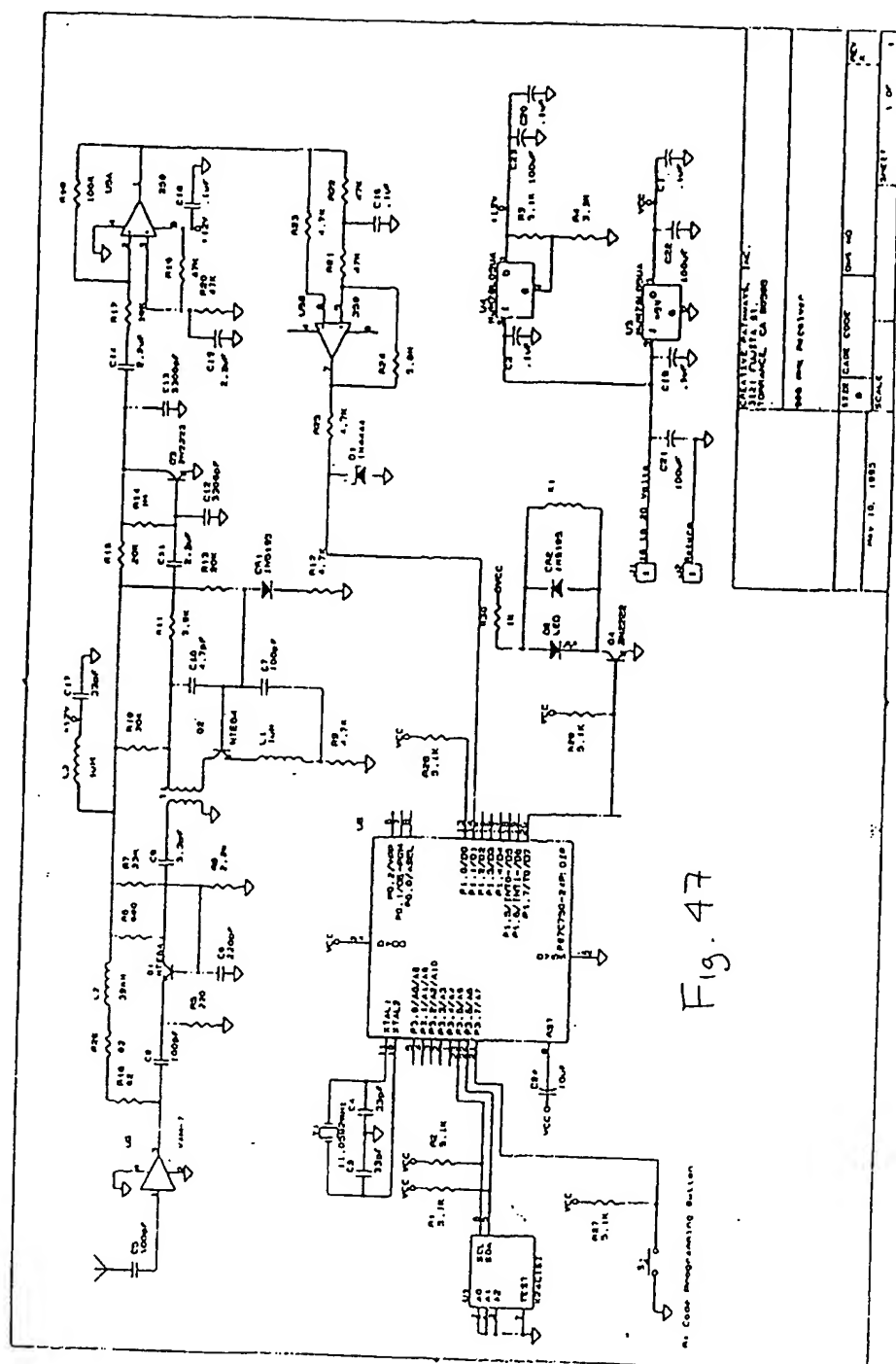
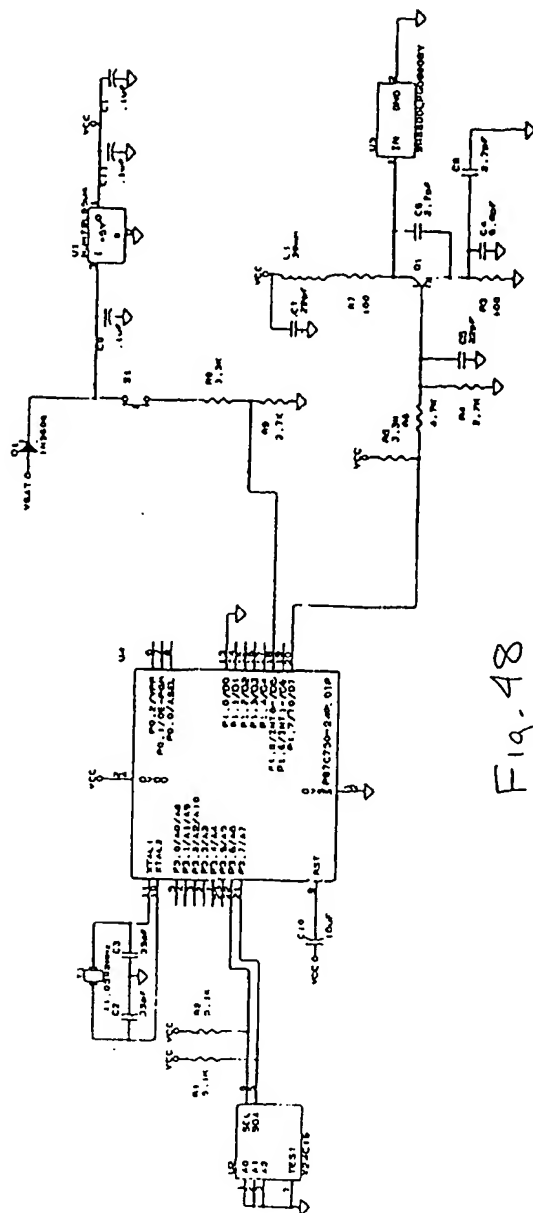


Fig. 46





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| | | | | | | |
|-----------------------------------------------------------|-------------|-------|----------------|---------|---------|---------|
| | MAY 10 1968 | TECN. | BILL PAGE CODE | PAGE NO | SHEET # | TOTAL # |
| Name Code RDP area Description | | | | | | |
| CREDIT ADVISORY INC. 3411 FIVE RD TOMBALL, CA 94628 | | | | | | |

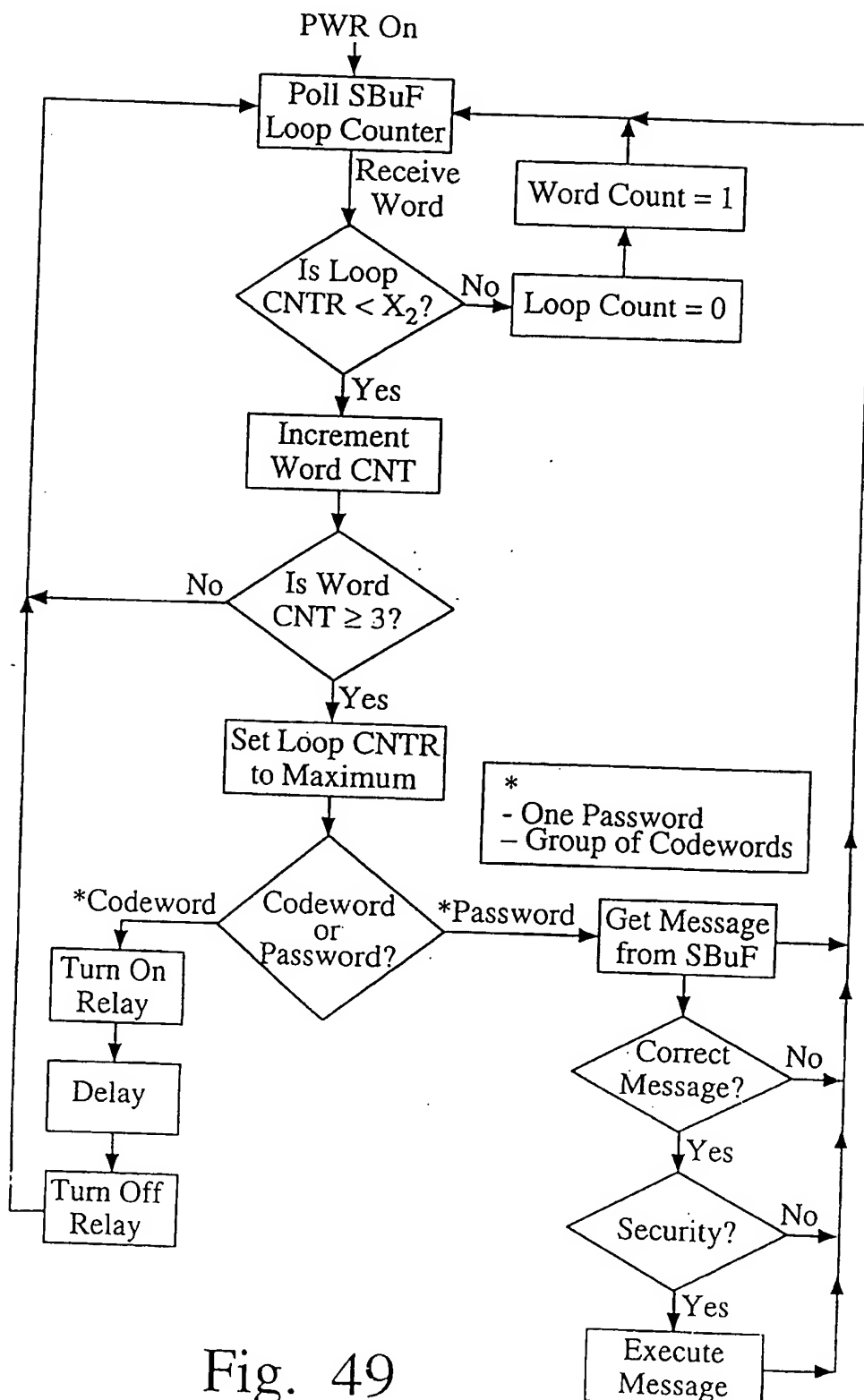


Fig. 49

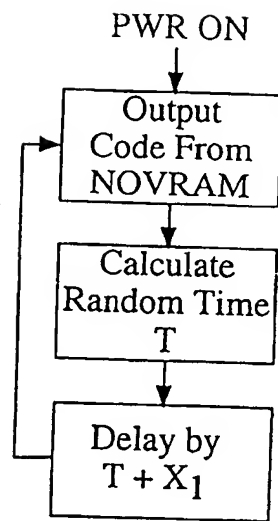


Fig. 50

$X_1 \leq \text{Fixed Number}$

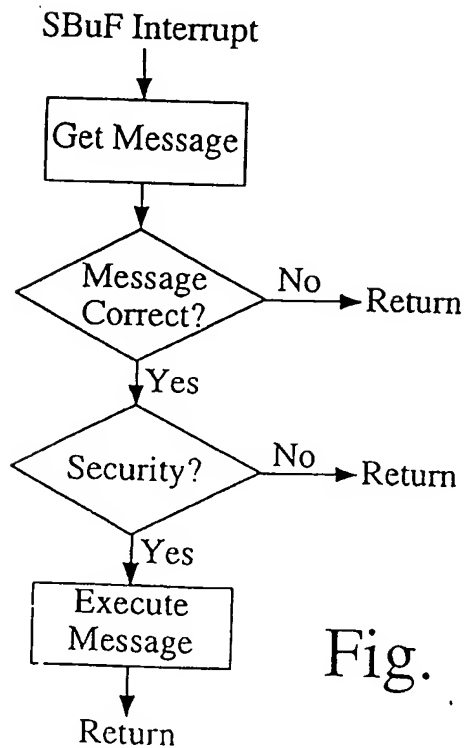


Fig. 51

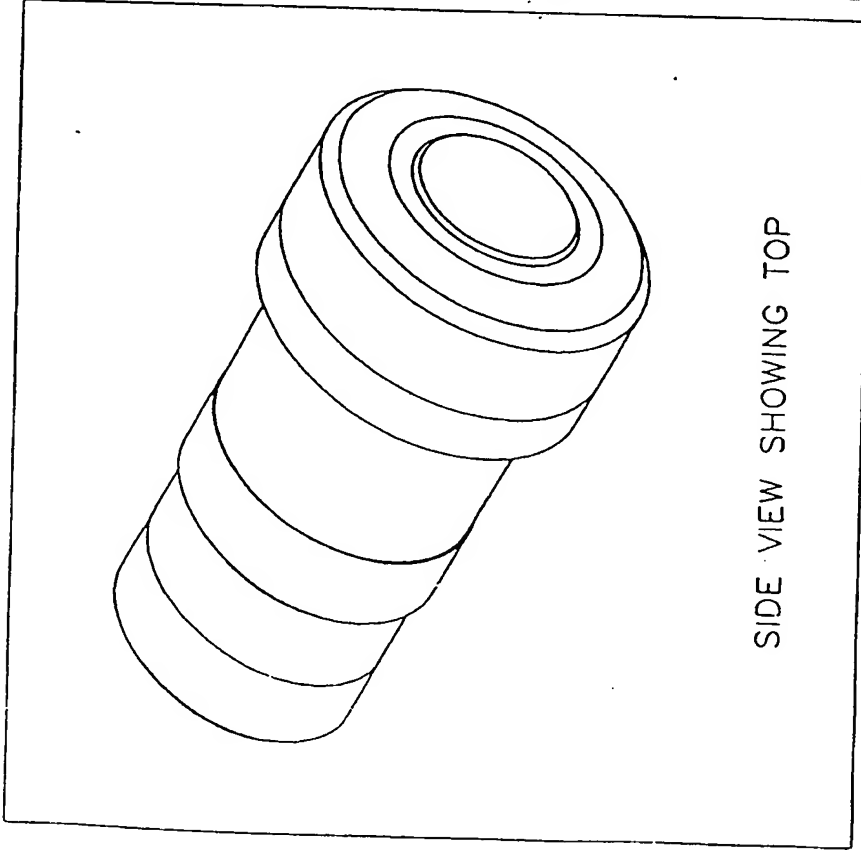


Fig. 52

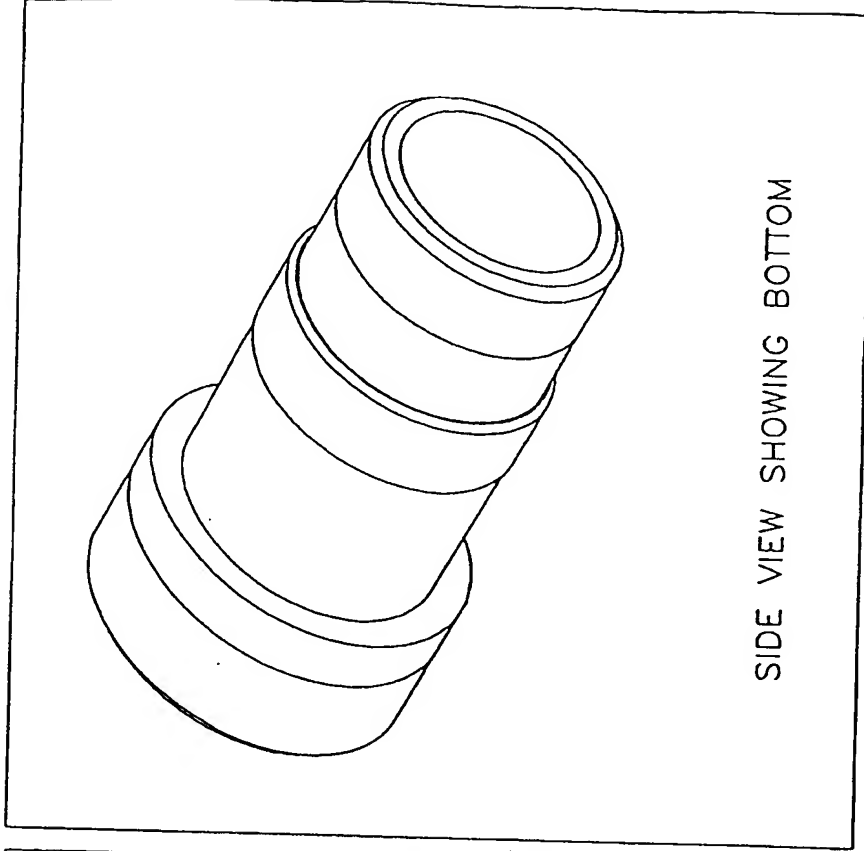


Fig. 53

TRANSMITTER STANDARD MODEL

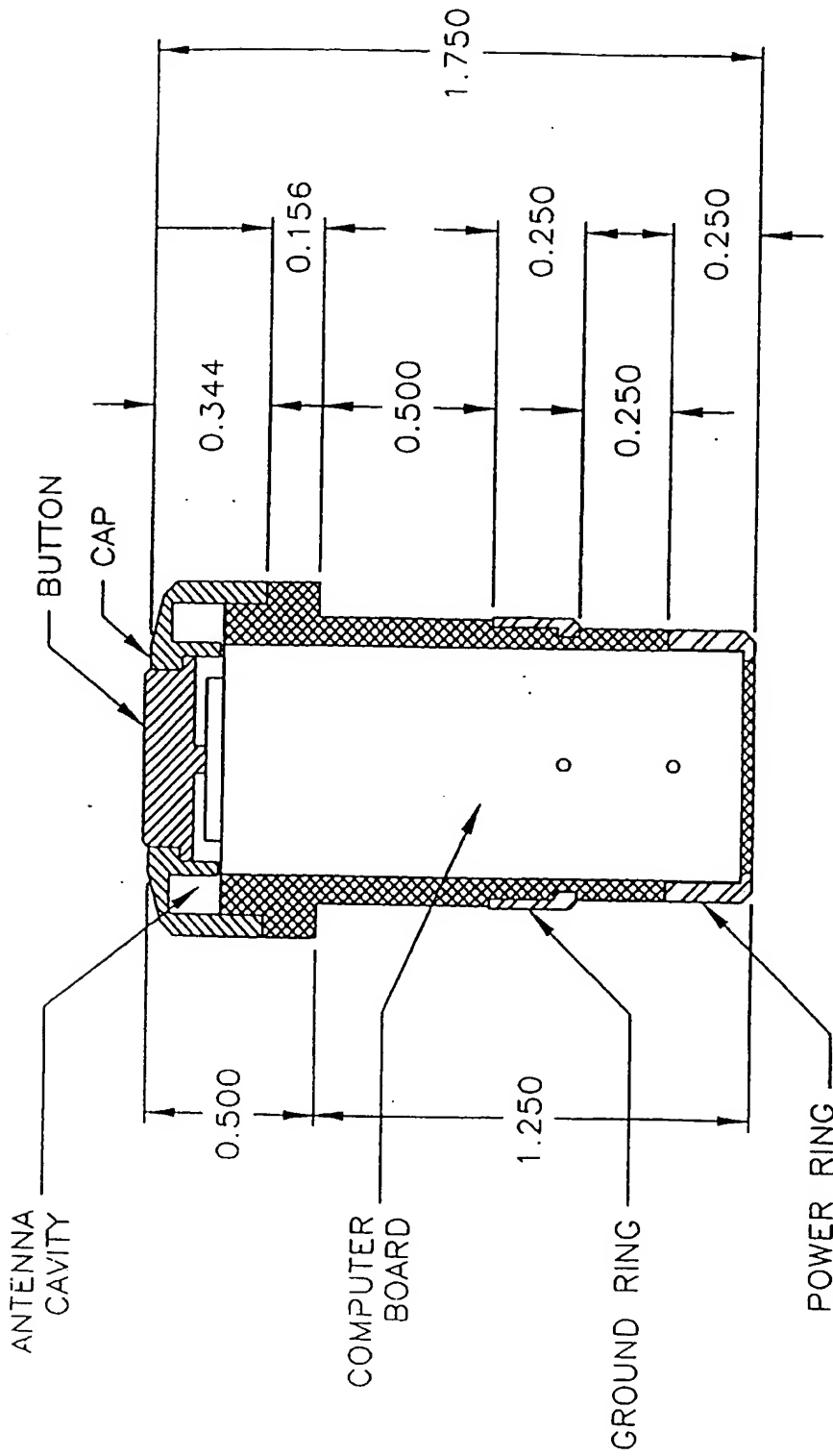


Fig. 54

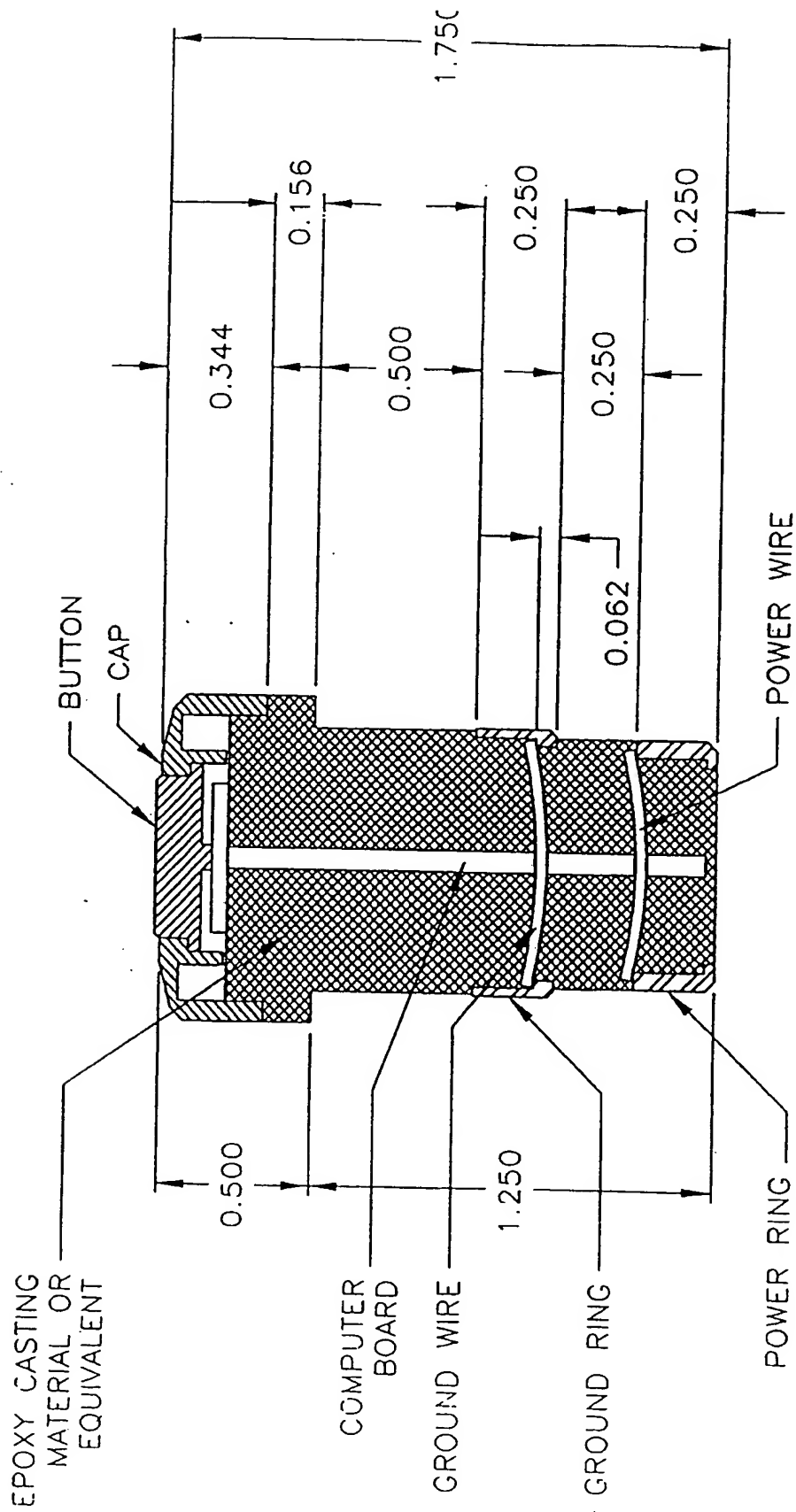


Fig. 55

Fig. 56A

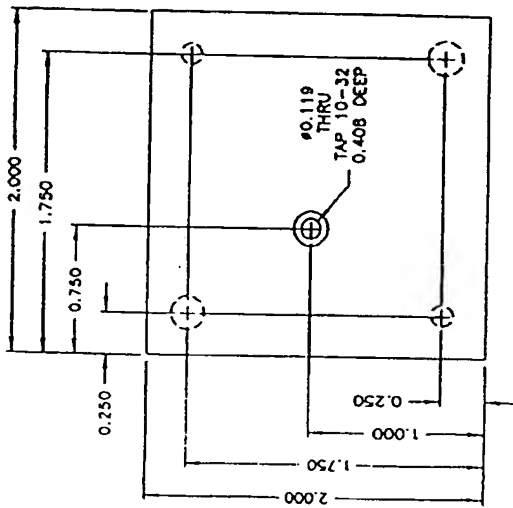
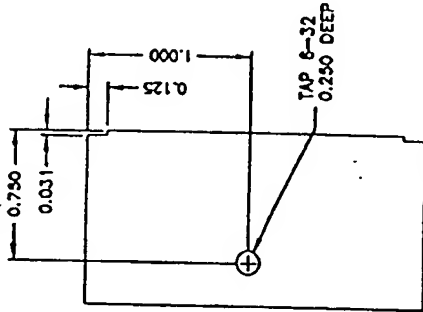
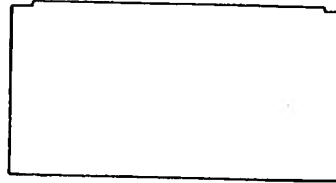


Fig. 56B



PART 1

Fig. 56E



PART 2

Fig. 56D

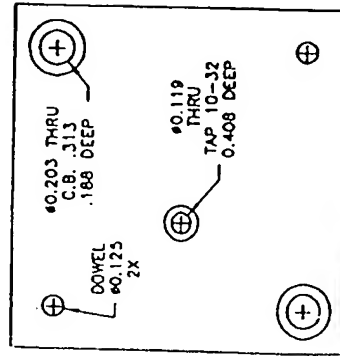


Fig. 56C

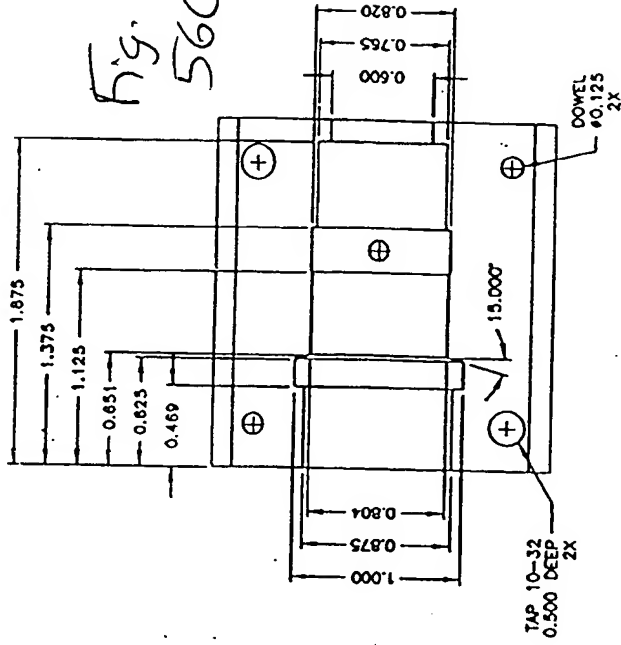
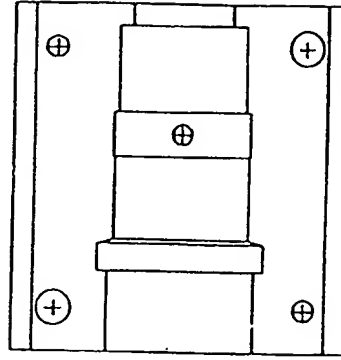


Fig. 56F



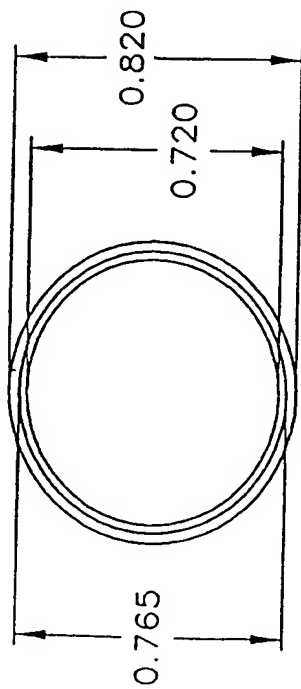


Fig. 5Z A

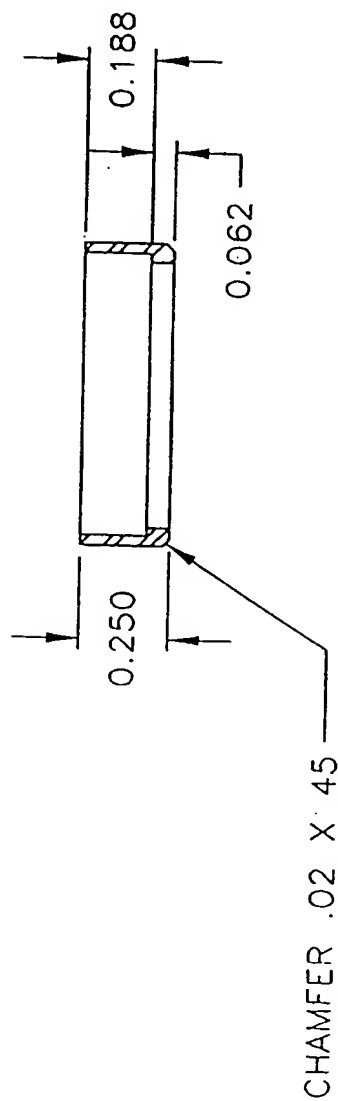
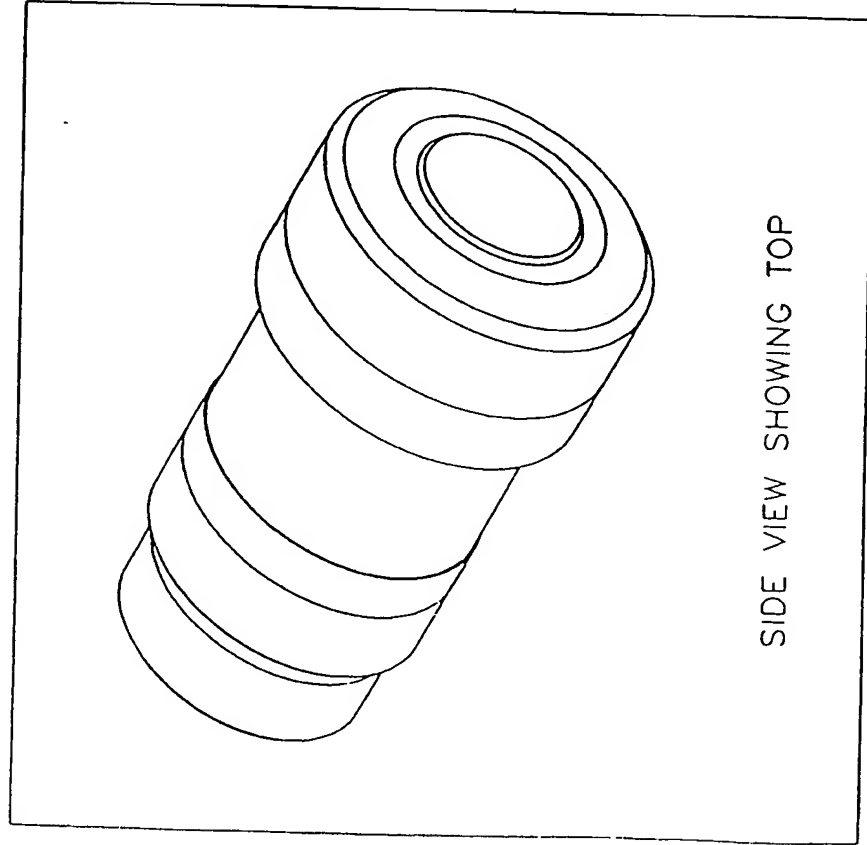


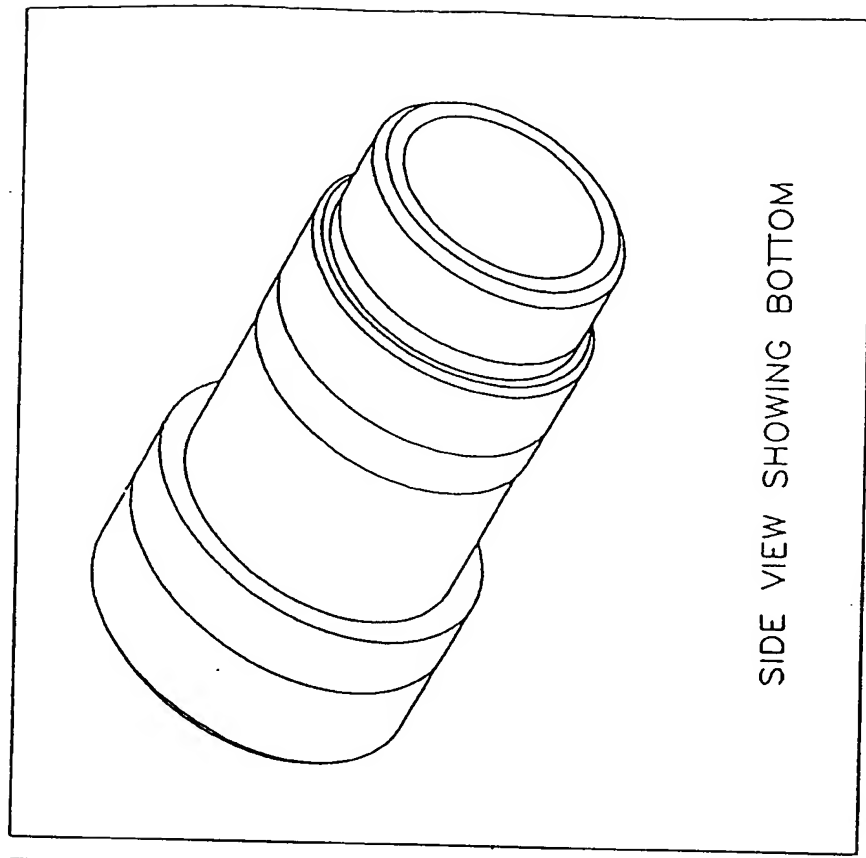
Fig. 5Z B

TRANSMITTER GROUND RING (STANDARD)



SIDE VIEW SHOWING TOP

Fig. 58



SIDE VIEW SHOWING BOTTOM

Fig. 59

TRANSMITTER EUROPEAN MODEL

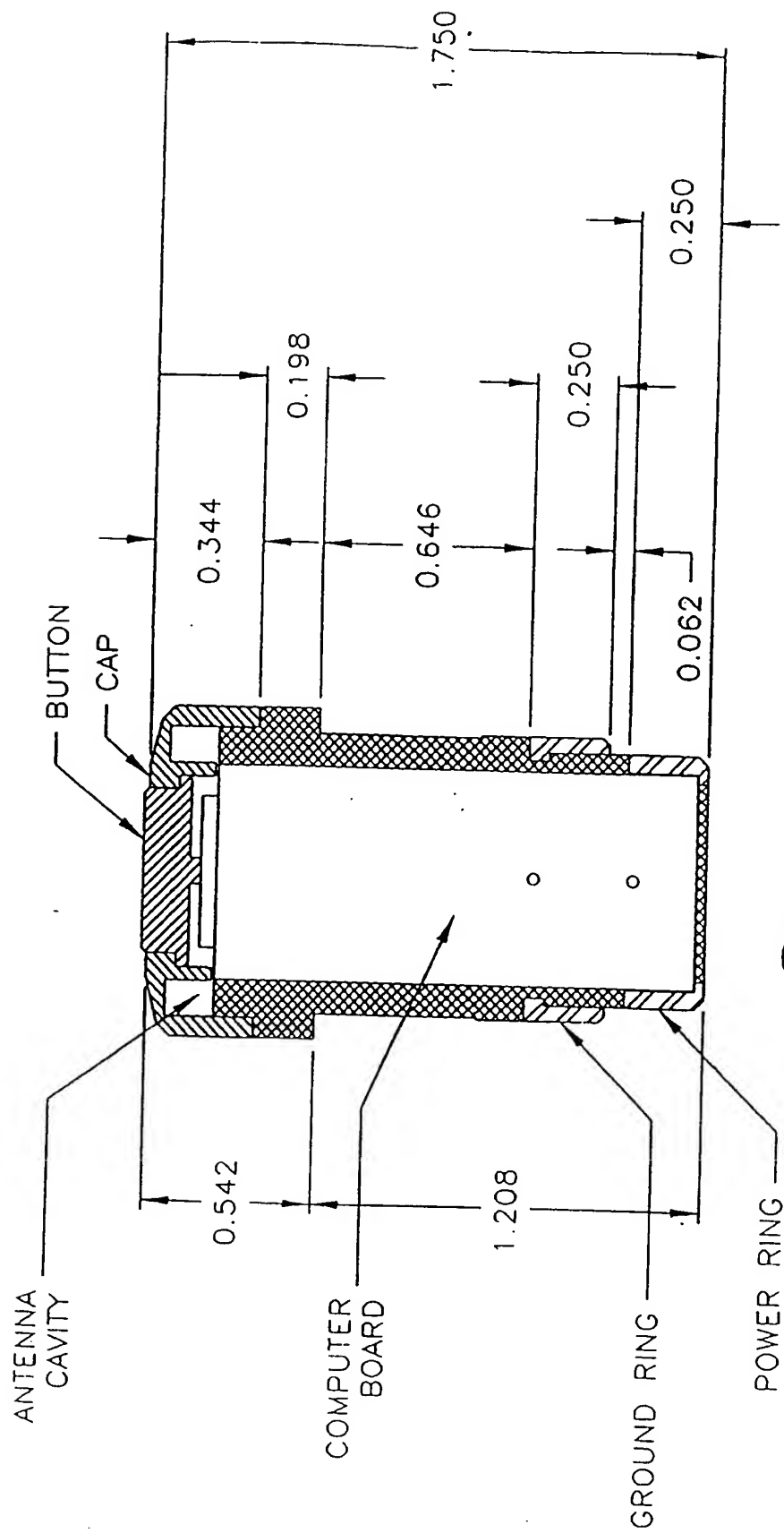


Fig. 60

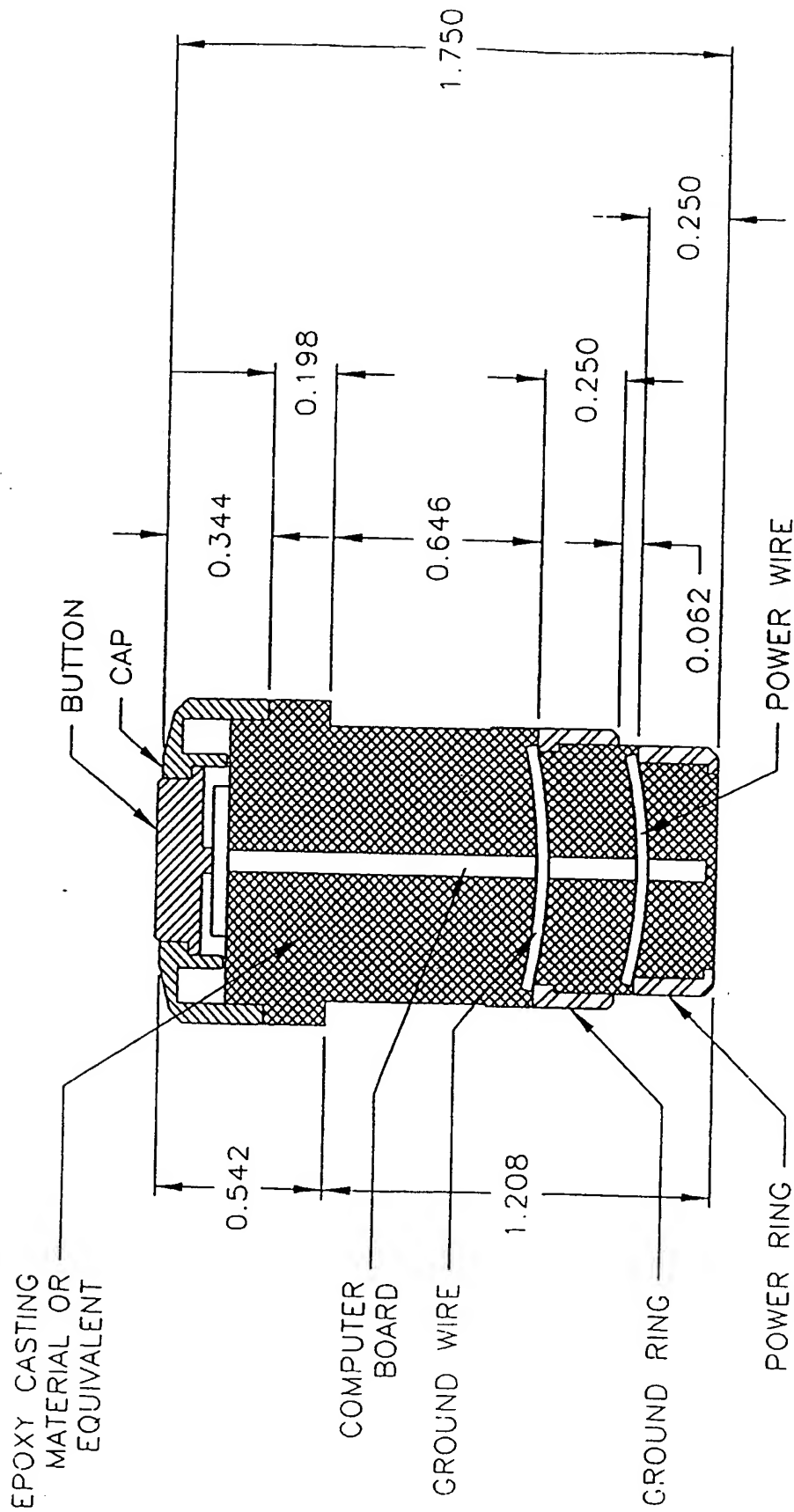


Fig. 61

Fig. 62A

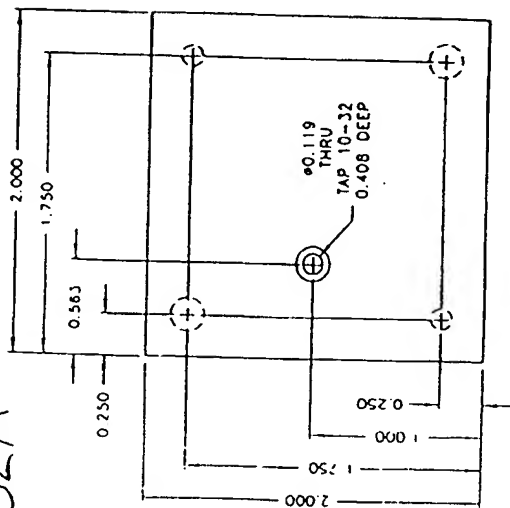


Fig. 62B

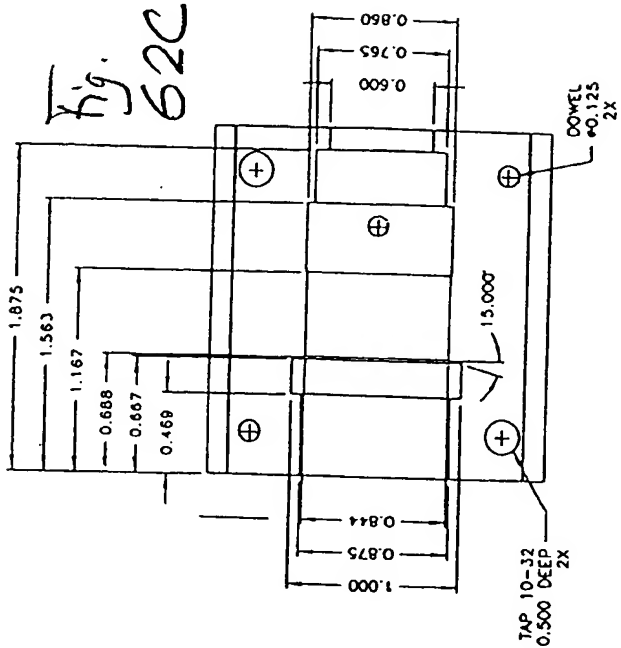
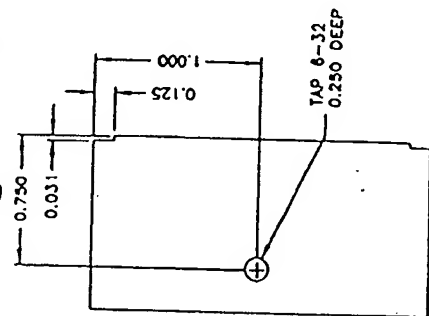


Fig. 62E

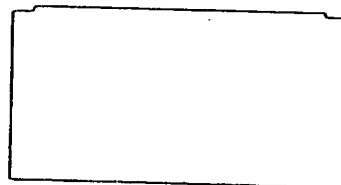


Fig. 62D

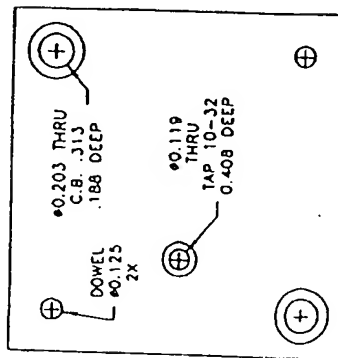
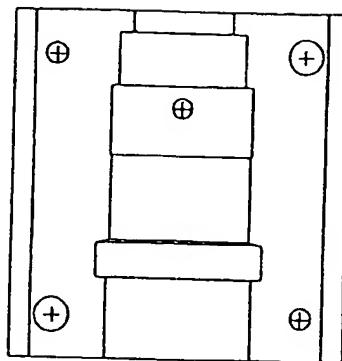


Fig. 62F



PART 1

PART 2

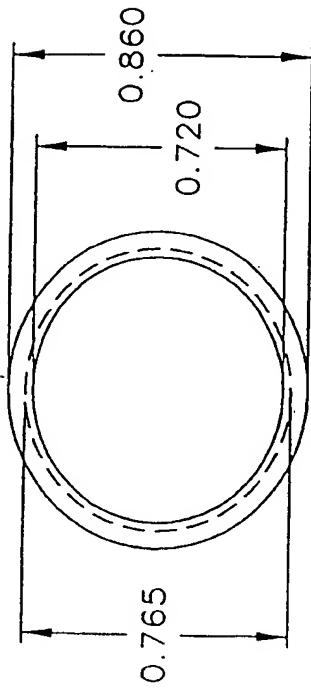


Fig. 63A

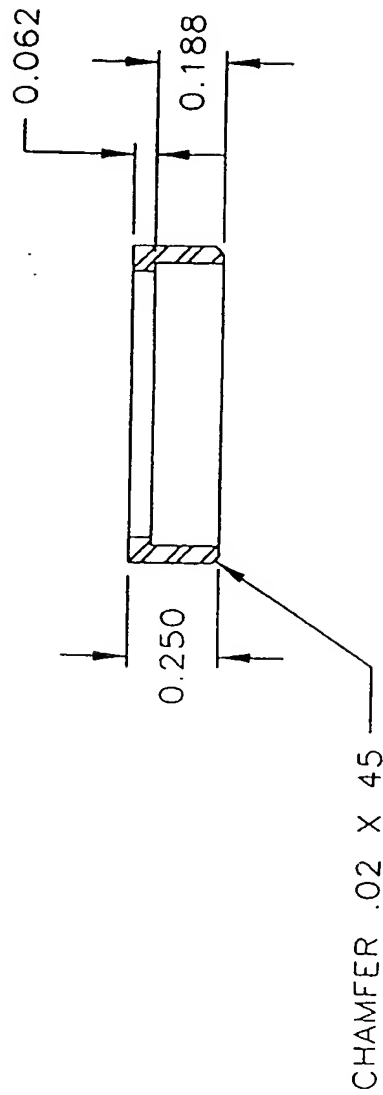


Fig. 63B

TRANSMITTER GROUND RING (EUROPEAN)

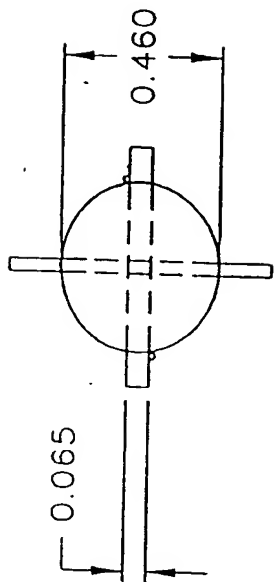


Fig. 64A

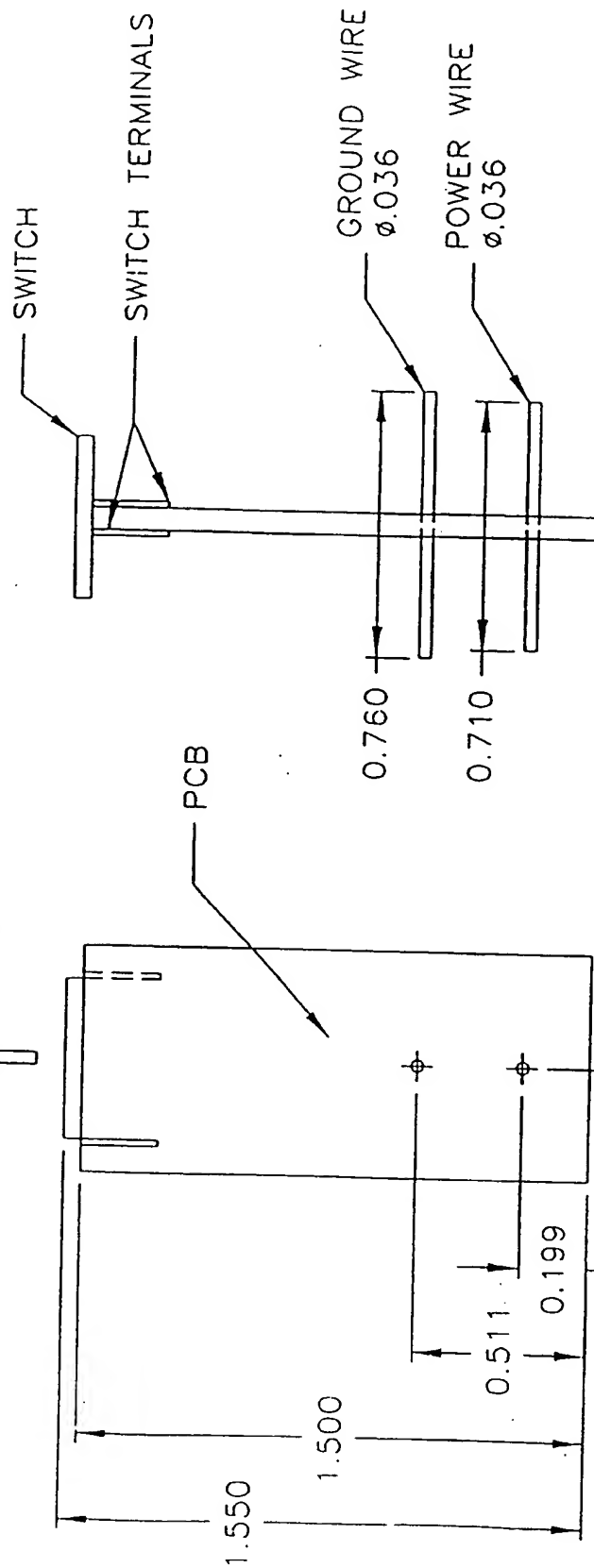
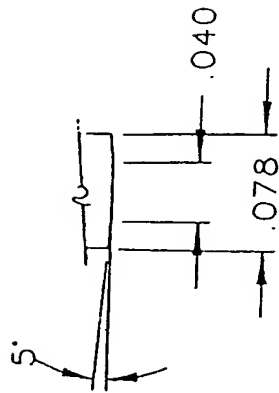
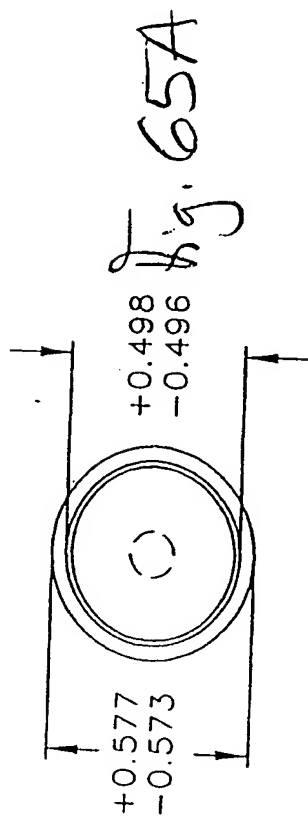


Fig. 64B

Fig. 64C

TRANSMITTER PCB (COMMON)



DETAIL A

Fig. 65C

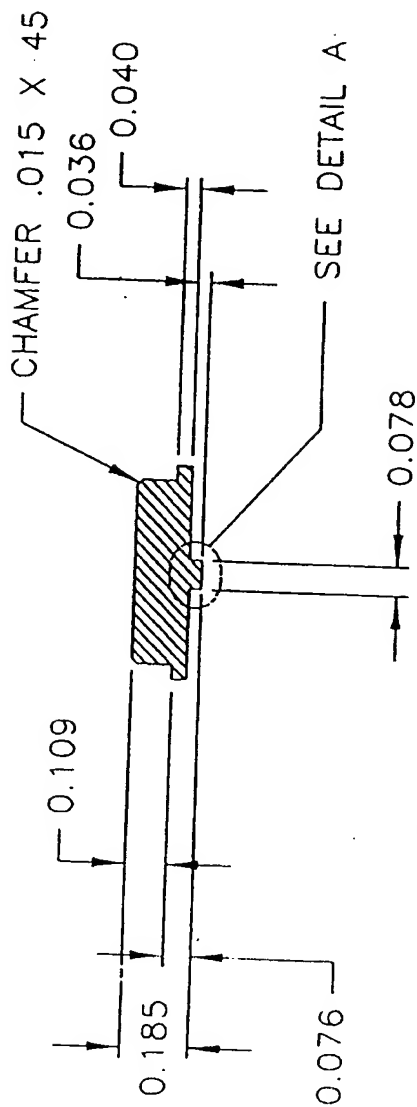


Fig. 65B

TRANSMITTER BUTTON (COMMON)

Fig. 66A

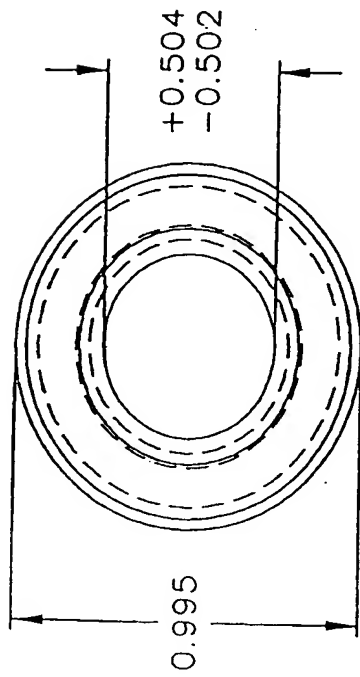
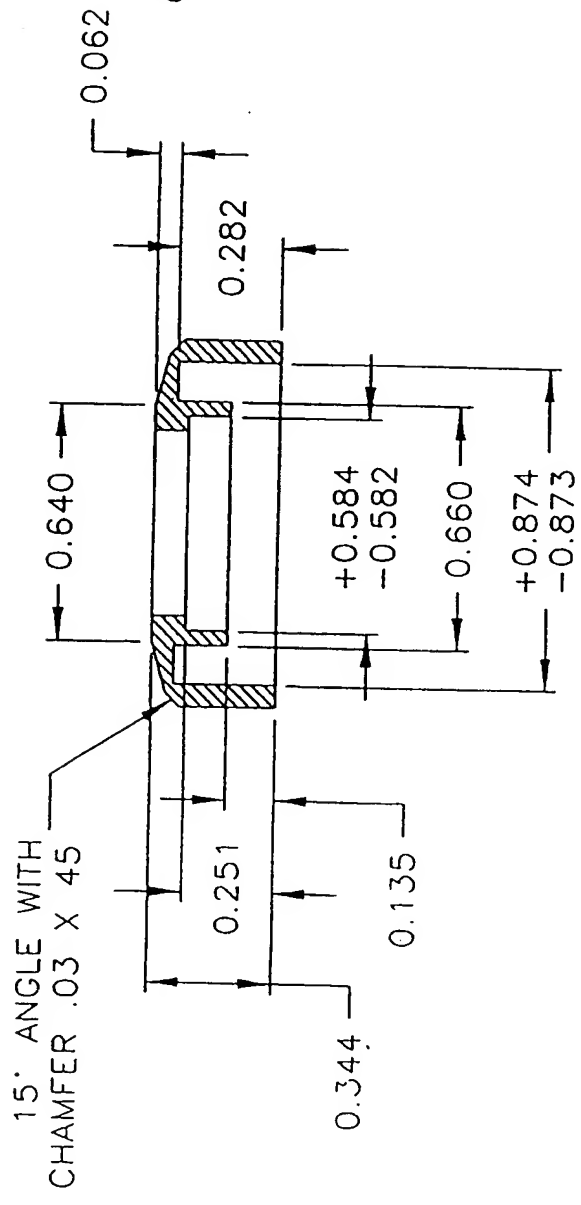


Fig. 66B



TRANSMITTER CAP (COMMON)

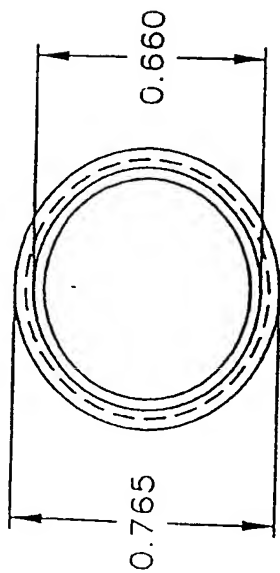


Fig. 67A

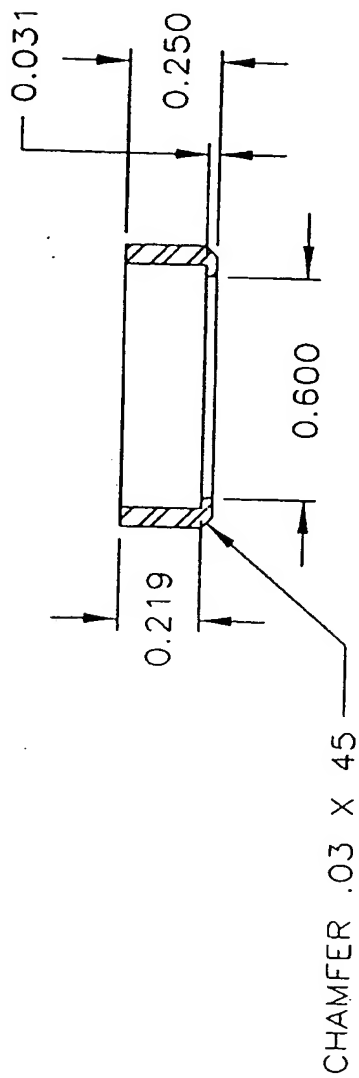
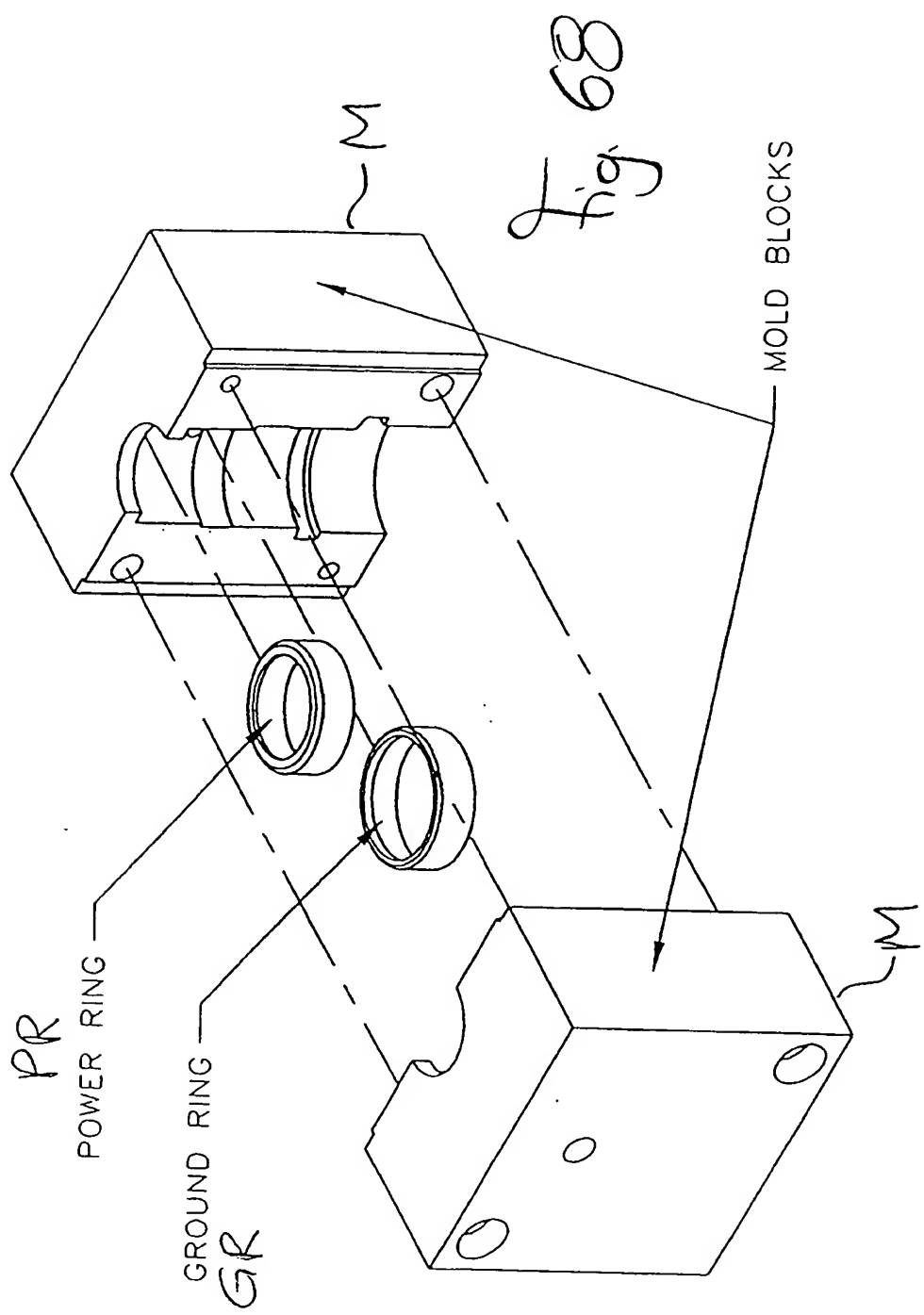


Fig. 67B

TRANSMITTER POWER RING (COMMON)



MANUFACTURING STEP 1 (COMMON)

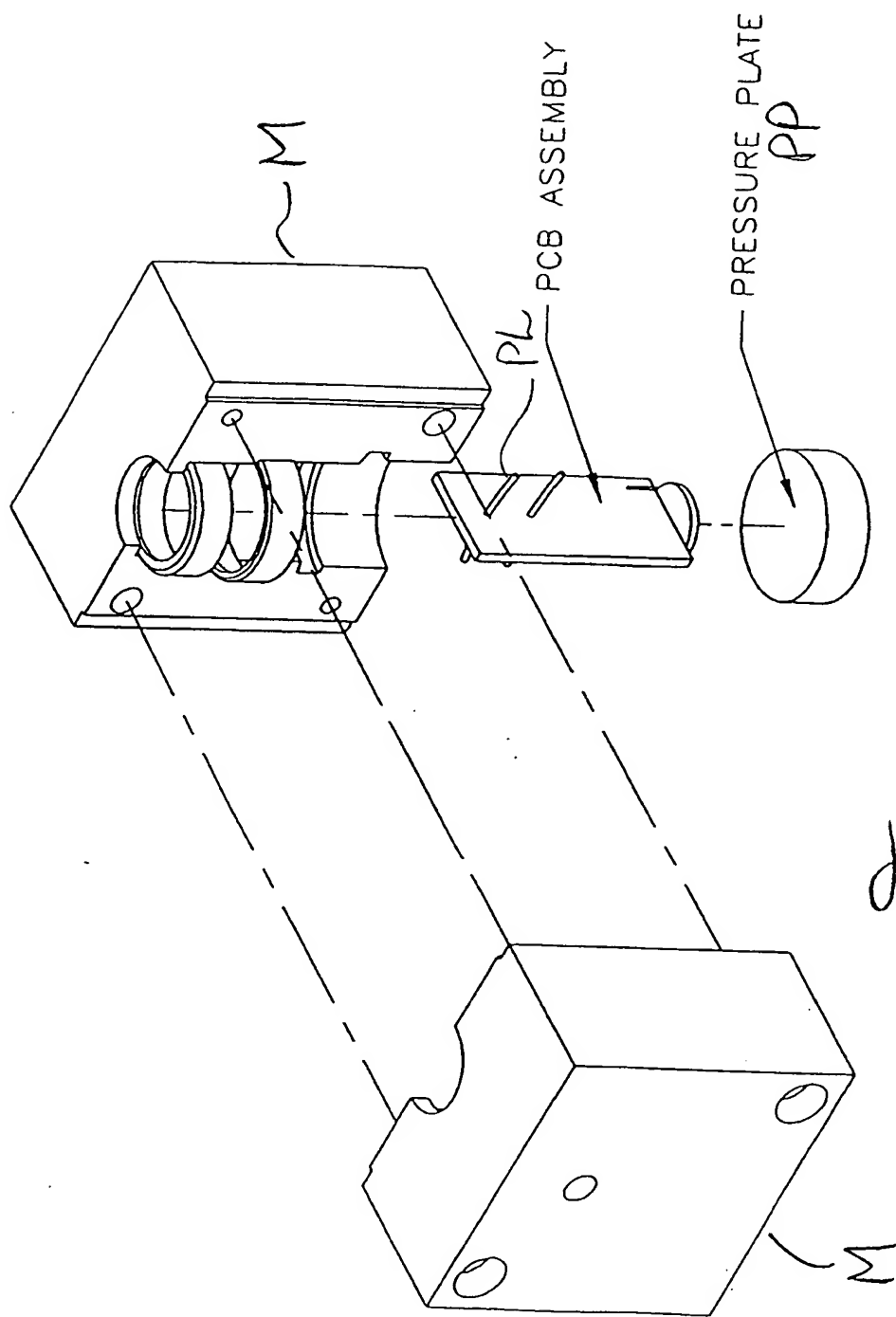
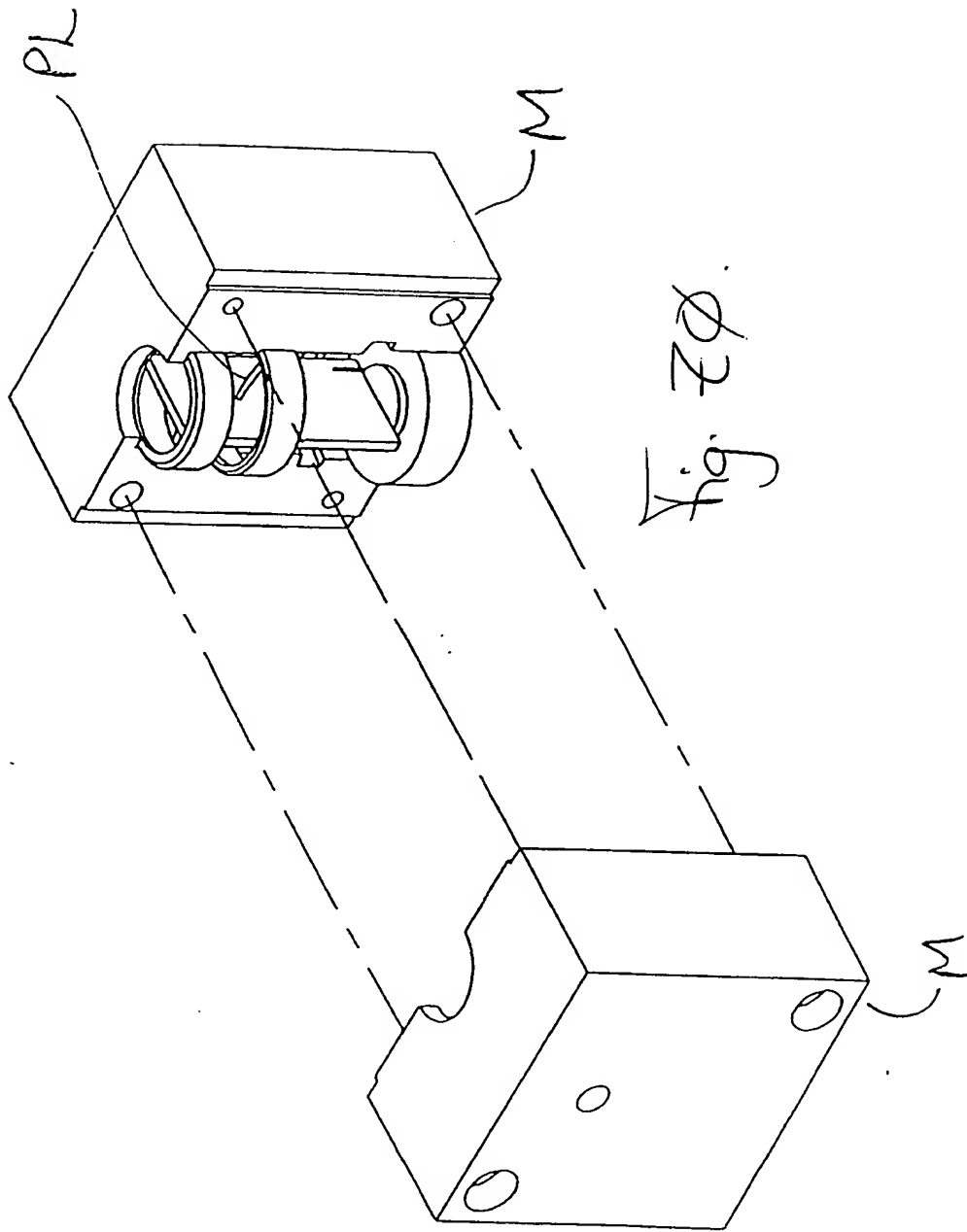
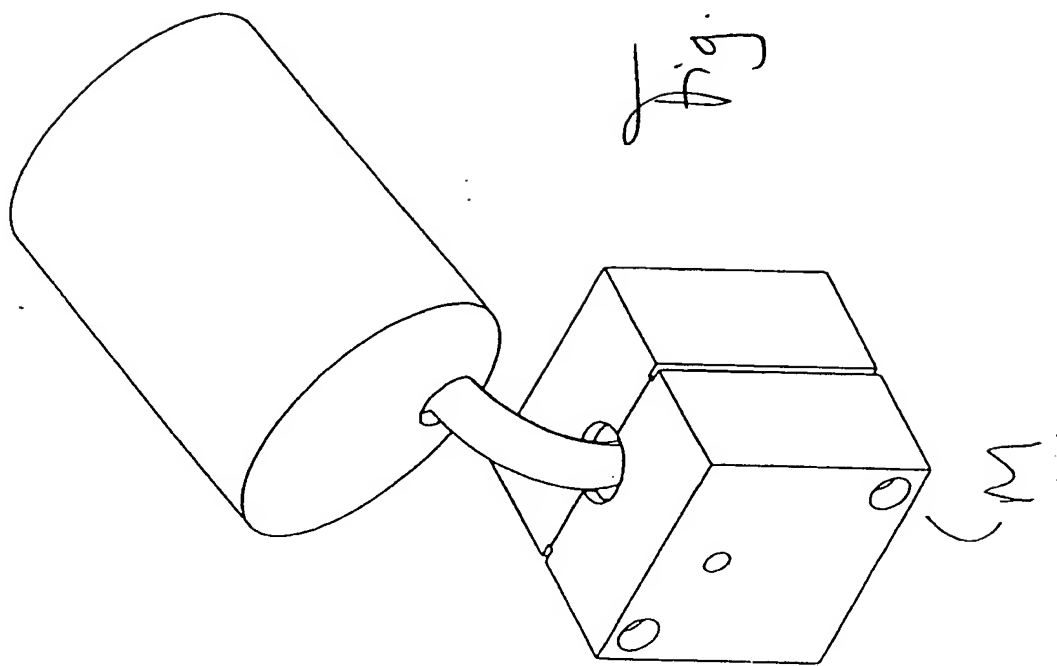


Fig. 69

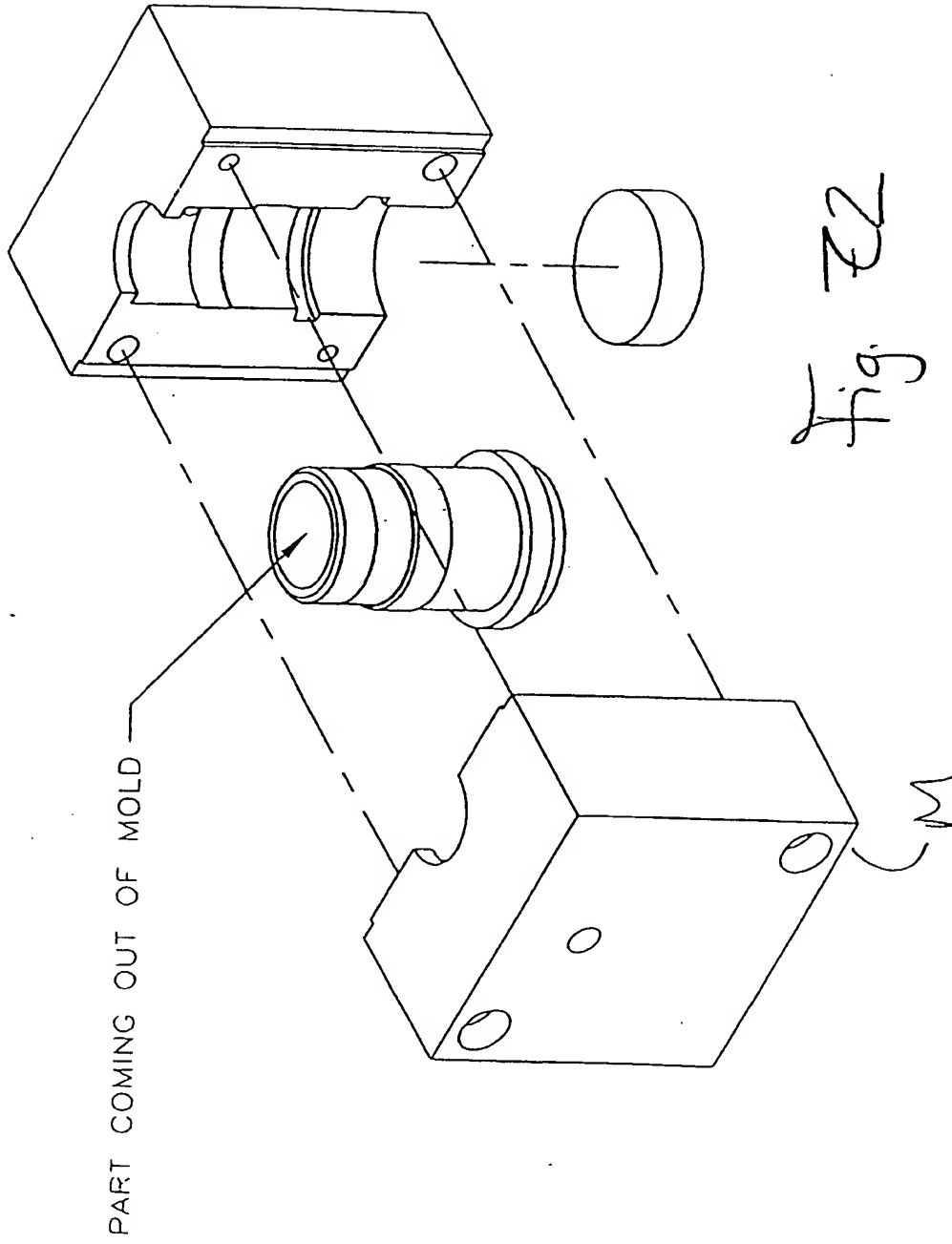
MANUFACTURING STEP 2 (COMMON)



MANUFACTURING STEP 3 (COMMON)



MANUFACTURING STEP 4 (COMMON)



MANUFACTURING STEP 5 (COMMON)

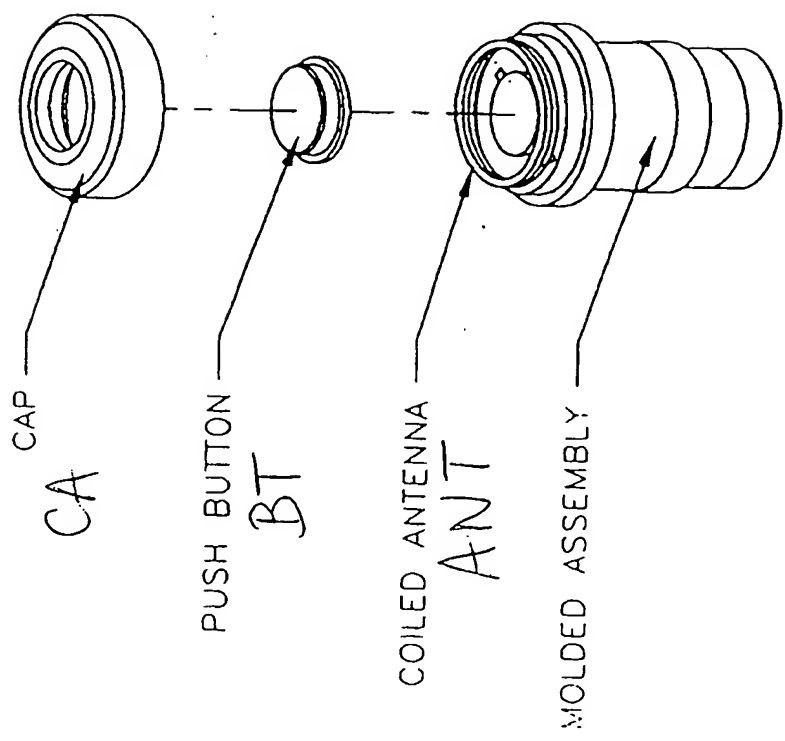


Fig. 23

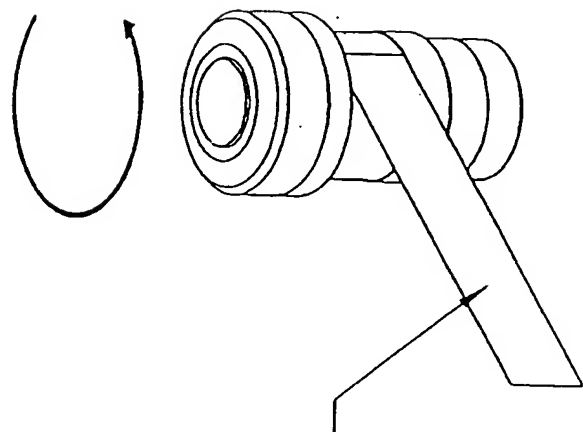


Fig. 24

WRAP AROUND
IDENTIFICATION BAND

MANUFACTURING STEP 7 (COMMON)